

## LAB CHRONICLE

|                 |              |                   |                      |
|-----------------|--------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1858        | <b>OrderDate:</b> | 4/22/2025 2:54:00 PM |
| <b>Client:</b>  | Kleinfelder  | <b>Project:</b>   | Henry Lea School     |
| <b>Contact:</b> | Mark Warchol | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID    | ClientID | Matrix | Test         | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|--------------|--------|-------------|-----------|-----------|----------|
| Q1858-01 | COMP-1   | SOIL   | VOCMS Group1 | 8260D  | 04/21/25    |           | 04/23/25  | 04/22/25 |
| Q1858-02 | COMP-2   | SOIL   | VOCMS Group1 | 8260D  | 04/21/25    |           | 04/23/25  | 04/22/25 |
| Q1858-03 | COMP-3   | SOIL   | VOCMS Group1 | 8260D  | 04/21/25    |           | 04/23/25  | 04/22/25 |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1858

**Client:** Kleinfelder

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|

**Client ID:**

0

**Total Voc :**

**Total Concentration:**

A  
B  
C  
D  
E  
F  
G



# SAMPLE DATA

## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | Kleinfelder                       | Date Collected: | 04/21/25             |
| Project:           | Henry Lea School                  | Date Received:  | 04/22/25             |
| Client Sample ID:  | COMP-1                            | SDG No.:        | Q1858                |
| Lab Sample ID:     | Q1858-01                          | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                            | % Solid:        | 83.9                 |
| Sample Wt/Vol:     | 4.23      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group1         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021978.D        | 1         |           | 04/23/25 17:47 | VY042325      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 1.10   | U         | 1.10     | 7.00       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 1.30   | U         | 1.30     | 7.00       | ug/Kg             |
| 71-43-2                   | Benzene                | 1.10   | U         | 1.10     | 7.00       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 1.10   | U         | 1.10     | 7.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 1.10   | U         | 1.10     | 7.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 0.94   | U         | 0.94     | 7.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 2.90   | U         | 2.90     | 21.1       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1.10   | U         | 1.10     | 7.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 55.5   |           | 63 - 155 | 111%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.3   |           | 70 - 134 | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.6   |           | 74 - 123 | 97%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 42.0   |           | 38 - 136 | 84%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 320000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 605000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 542000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 216000 | 13.346    |          |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | Kleinfelder                       | Date Collected: | 04/21/25             |
| Project:           | Henry Lea School                  | Date Received:  | 04/22/25             |
| Client Sample ID:  | COMP-2                            | SDG No.:        | Q1858                |
| Lab Sample ID:     | Q1858-02                          | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                            | % Solid:        | 81.3                 |
| Sample Wt/Vol:     | 4.53      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group1         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021979.D        | 1         |           | 04/23/25 18:11 | VY042325      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 1.00   | U         | 1.00     | 6.80       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 1.30   | U         | 1.30     | 6.80       | ug/Kg             |
| 71-43-2                   | Benzene                | 1.10   | U         | 1.10     | 6.80       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 1.10   | U         | 1.10     | 6.80       | ug/Kg             |
| 108-88-3                  | Toluene                | 1.10   | U         | 1.10     | 6.80       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 0.91   | U         | 0.91     | 6.80       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 2.80   | U         | 2.80     | 20.4       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1.10   | U         | 1.10     | 6.80       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 51.8   |           | 63 - 155 | 104%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 49.8   |           | 70 - 134 | 100%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.0   |           | 74 - 123 | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 39.1   |           | 38 - 136 | 78%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 318000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 596000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 515000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 192000 | 13.346    |          |            |                   |

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() = Laboratory InHouse Limit

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## Report of Analysis

|                    |                                   |                 |                      |
|--------------------|-----------------------------------|-----------------|----------------------|
| Client:            | Kleinfelder                       | Date Collected: | 04/21/25             |
| Project:           | Henry Lea School                  | Date Received:  | 04/22/25             |
| Client Sample ID:  | COMP-3                            | SDG No.:        | Q1858                |
| Lab Sample ID:     | Q1858-03                          | Matrix:         | SOIL                 |
| Analytical Method: | SW8260                            | % Solid:        | 91.1                 |
| Sample Wt/Vol:     | 3.86      Units:    g             | Final Vol:      | 5000              uL |
| Soil Aliquot Vol:  | uL                                | Test:           | VOCMS Group1         |
| GC Column:         | RXI-624              ID :    0.25 | Level :         | LOW                  |
| Prep Method :      |                                   |                 |                      |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021980.D        | 1         |           | 04/23/25 18:34 | VY042325      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 1.10   | U         | 1.10     | 7.10       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 1.30   | U         | 1.30     | 7.10       | ug/Kg             |
| 71-43-2                   | Benzene                | 1.10   | U         | 1.10     | 7.10       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 1.20   | U         | 1.20     | 7.10       | ug/Kg             |
| 108-88-3                  | Toluene                | 1.10   | U         | 1.10     | 7.10       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 0.95   | U         | 0.95     | 7.10       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 3.00   | U         | 3.00     | 21.3       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 1.10   | U         | 1.10     | 7.10       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 52.9   |           | 63 - 155 | 106%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.7   |           | 70 - 134 | 101%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 48.1   |           | 74 - 123 | 96%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 39.5   |           | 38 - 136 | 79%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 307000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 573000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 503000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 190000 | 13.346    |          |            |                   |

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A = Aldol-Condensation Reaction Products



# QC SUMMARY

### Surrogate Summary

SDG No.: **Q1858**

Client: **Kleinfelder**

Analytical Method: **SW8260D**

| Lab Sample ID | Client ID    | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|--------------|-----------------------|-------|--------|--------------|--------|------|
|               |              |                       |       |        |              | Low    | High |
| Q1858-01      | COMP-1       | 1,2-Dichloroethane-d4 | 50    | 55.5   | 111          | 63     | 155  |
|               |              | Dibromofluoromethane  | 50    | 50.3   | 101          | 70     | 134  |
|               |              | Toluene-d8            | 50    | 48.6   | 97           | 74     | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 42.0   | 84           | 38     | 136  |
| Q1858-02      | COMP-2       | 1,2-Dichloroethane-d4 | 50    | 51.8   | 104          | 63     | 155  |
|               |              | Dibromofluoromethane  | 50    | 49.8   | 100          | 70     | 134  |
|               |              | Toluene-d8            | 50    | 48.0   | 96           | 74     | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 39.1   | 78           | 38     | 136  |
| Q1858-03      | COMP-3       | 1,2-Dichloroethane-d4 | 50    | 52.9   | 106          | 63     | 155  |
|               |              | Dibromofluoromethane  | 50    | 50.7   | 101          | 70     | 134  |
|               |              | Toluene-d8            | 50    | 48.1   | 96           | 74     | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 39.5   | 79           | 38     | 136  |
| VY0423SBL01   | VY0423SBL01  | 1,2-Dichloroethane-d4 | 50    | 51.1   | 102          | 63     | 155  |
|               |              | Dibromofluoromethane  | 50    | 50.0   | 100          | 70     | 134  |
|               |              | Toluene-d8            | 50    | 47.6   | 95           | 74     | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 38.5   | 77           | 38     | 136  |
| VY0423SBS01   | VY0423SBS01  | 1,2-Dichloroethane-d4 | 50    | 51.4   | 103          | 63     | 155  |
|               |              | Dibromofluoromethane  | 50    | 51.5   | 103          | 70     | 134  |
|               |              | Toluene-d8            | 50    | 52.0   | 104          | 74     | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 50.6   | 101          | 38     | 136  |
| VY0423SBSD01  | VY0423SBSD01 | 1,2-Dichloroethane-d4 | 50    | 57.7   | 115          | 63     | 155  |
|               |              | Dibromofluoromethane  | 50    | 55.6   | 111          | 70     | 134  |
|               |              | Toluene-d8            | 50    | 56.5   | 113          | 74     | 123  |
|               |              | 4-Bromofluorobenzene  | 50    | 55.5   | 111          | 38     | 136  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1858

**Client:** Kleinfelder

**Analytical Method:** SW8260D

**Datafile :** VY021964.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VY0423SBS01   | cis-1,2-Dichloroethene | 20    | 20.3   | ug/Kg | 102 |     |      | 82  | 123    |     |
|               | 1,1,1-Trichloroethane  | 20    | 20.2   | ug/Kg | 101 |     |      | 80  | 126    |     |
|               | Benzene                | 20    | 20.7   | ug/Kg | 104 |     |      | 84  | 121    |     |
|               | Trichloroethene        | 20    | 20.2   | ug/Kg | 101 |     |      | 83  | 122    |     |
|               | Toluene                | 20    | 20.8   | ug/Kg | 104 |     |      | 83  | 122    |     |
|               | Ethyl Benzene          | 20    | 19.8   | ug/Kg | 99  |     |      | 82  | 124    |     |
|               | m/p-Xylenes            | 40    | 40.3   | ug/Kg | 101 |     |      | 83  | 124    |     |
|               | o-Xylene               | 20    | 19.8   | ug/Kg | 99  |     |      | 83  | 123    |     |
|               | Isopropylbenzene       | 20    | 19.6   | ug/Kg | 98  |     |      | 82  | 124    |     |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

**SW-846**

**SDG No.:** Q1858

**Client:** Kleinfelder

**Analytical Method:** SW8260D

**Datafile :** VY021965.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | Low | Limits | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                        |       |        |       |     |     |      |     | High   |     |
| VY0423SBSD01  | cis-1,2-Dichloroethene | 20    | 21.4   | ug/Kg | 107 | 5   |      | 82  | 123    | 20  |
|               | 1,1,1-Trichloroethane  | 20    | 21.2   | ug/Kg | 106 | 5   |      | 80  | 126    | 20  |
|               | Benzene                | 20    | 21.4   | ug/Kg | 107 | 3   |      | 84  | 121    | 20  |
|               | Trichloroethene        | 20    | 21.0   | ug/Kg | 105 | 4   |      | 83  | 122    | 20  |
|               | Toluene                | 20    | 21.6   | ug/Kg | 108 | 4   |      | 83  | 122    | 20  |
|               | Ethyl Benzene          | 20    | 20.3   | ug/Kg | 102 | 3   |      | 82  | 124    | 20  |
|               | m/p-Xylenes            | 40    | 41.9   | ug/Kg | 105 | 4   |      | 83  | 124    | 20  |
|               | o-Xylene               | 20    | 20.6   | ug/Kg | 103 | 4   |      | 83  | 123    | 20  |
|               | Isopropylbenzene       | 20    | 20.2   | ug/Kg | 101 | 3   |      | 82  | 124    | 20  |

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0423SBL01

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: Q1858

SAS No.: Q1858 SDG NO.: Q1858

Lab File ID: VY021963.D

Lab Sample ID: VY0423SBL01

Date Analyzed: 04/23/2025

Time Analyzed: 10:31

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA\_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| VY0423SBS01       | VY0423SBS01      | VY021964.D     | 04/23/2025       |
| VY0423SBSD01      | VY0423SBSD01     | VY021965.D     | 04/23/2025       |
| COMP-1            | Q1858-01         | VY021978.D     | 04/23/2025       |
| COMP-2            | Q1858-02         | VY021979.D     | 04/23/2025       |
| COMP-3            | Q1858-03         | VY021980.D     | 04/23/2025       |

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02  
Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858  
Lab File ID: VY021952.D BFB Injection Date: 04/22/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 11:33  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 16.9                 |
| 75  | 30.0 - 60.0% of mass 95            | 49.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.5                  |
| 173 | Less than 2.0% of mass 174         | 1.5 ( 1.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 88.4                 |
| 175 | 5.0 - 9.0% of mass 174             | 7.1 ( 8 ) 1          |
| 176 | 95.0 - 101.0% of mass 174          | 84.9 ( 96.1 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 5.5 ( 6.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VY021953.D     | 04/22/2025       | 13:39            |
| VSTDIC010         | VSTDIC010        | VY021954.D     | 04/22/2025       | 14:44            |
| VSTDIC020         | VSTDIC020        | VY021955.D     | 04/22/2025       | 15:07            |
| VSTDIC050         | VSTDIC050        | VY021956.D     | 04/22/2025       | 15:29            |
| VSTDIC100         | VSTDIC100        | VY021957.D     | 04/22/2025       | 15:52            |
| VSTDIC150         | VSTDIC150        | VY021958.D     | 04/22/2025       | 16:15            |



VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: POWE02  
Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858  
Lab File ID: VY021961.D BFB Injection Date: 04/23/2025  
Instrument ID: MSVOA\_Y BFB Injection Time: 09:27  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 15.6                 |
| 75  | 30.0 - 60.0% of mass 95            | 48.7                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 6.9                  |
| 173 | Less than 2.0% of mass 174         | 1.4 ( 1.7 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 83.9                 |
| 175 | 5.0 - 9.0% of mass 174             | 6.8 ( 8.1 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 83 ( 99 ) 1          |
| 177 | 5.0 - 9.0% of mass 176             | 5.3 ( 6.4 ) 2        |

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDCCC050        | VSTDCCC050       | VY021962.D     | 04/23/2025       | 09:57            |
| VY0423SBL01       | VY0423SBL01      | VY021963.D     | 04/23/2025       | 10:31            |
| VY0423SBS01       | VY0423SBS01      | VY021964.D     | 04/23/2025       | 11:07            |
| VY0423SBSD01      | VY0423SBSD01     | VY021965.D     | 04/23/2025       | 11:30            |
| COMP-1            | Q1858-01         | VY021978.D     | 04/23/2025       | 17:47            |
| COMP-2            | Q1858-02         | VY021979.D     | 04/23/2025       | 18:11            |
| COMP-3            | Q1858-03         | VY021980.D     | 04/23/2025       | 18:34            |

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02  
Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858  
Lab File ID: VY021962.D Date Analyzed: 04/23/2025  
Instrument ID: MSVOA\_Y Time Analyzed: 09:57  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS1<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>AREA # | RT #  |
|----------------|---------------|-------|---------------|-------|---------------|-------|
| 12 HOUR STD    | 304636        | 7.71  | 465219        | 8.62  | 430304        | 11.42 |
| UPPER LIMIT    | 609272        | 8.213 | 930438        | 9.116 | 860608        | 11.92 |
| LOWER LIMIT    | 152318        | 7.213 | 232610        | 8.116 | 215152        | 10.92 |
| EPA SAMPLE NO. |               |       |               |       |               |       |
| COMP-1         | 320456        | 7.71  | 605358        | 8.62  | 542247        | 11.41 |
| COMP-2         | 317972        | 7.71  | 595656        | 8.62  | 514825        | 11.41 |
| COMP-3         | 306739        | 7.71  | 573313        | 8.62  | 503025        | 11.41 |
| VY0423SBL01    | 319981        | 7.71  | 599033        | 8.62  | 525205        | 11.42 |
| VY0423SBS01    | 295173        | 7.71  | 458305        | 8.62  | 417679        | 11.42 |
| VY0423SBSD01   | 282902        | 7.71  | 449051        | 8.62  | 413807        | 11.41 |

IS1 = Pentafluorobenzene  
IS2 = 1,4-Difluorobenzene  
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area  
AREA LOWER LIMIT = -50% of internal standard area  
RT UPPER LIMIT = +0.50 minutes of internal standard RT  
RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.  
\* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: POWE02  
 Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858  
 Lab File ID: VY021962.D Date Analyzed: 04/23/2025  
 Instrument ID: MSVOA\_Y Time Analyzed: 09:57  
 GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

|                | IS4<br>AREA # | RT #   |  |  |  |  |
|----------------|---------------|--------|--|--|--|--|
| 12 HOUR STD    | 227723        | 13.347 |  |  |  |  |
| UPPER LIMIT    | 455446        | 13.847 |  |  |  |  |
| LOWER LIMIT    | 113862        | 12.847 |  |  |  |  |
| EPA SAMPLE NO. |               |        |  |  |  |  |
| COMP-1         | 216405        | 13.35  |  |  |  |  |
| COMP-2         | 191838        | 13.35  |  |  |  |  |
| COMP-3         | 189503        | 13.35  |  |  |  |  |
| VY0423SBL01    | 194434        | 13.35  |  |  |  |  |
| VY0423SBS01    | 221603        | 13.35  |  |  |  |  |
| VY0423SBSD01   | 217306        | 13.35  |  |  |  |  |

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.



# QC SAMPLE DATA

## Report of Analysis

|                    |                   |                 |              |
|--------------------|-------------------|-----------------|--------------|
| Client:            | Kleinfelder       | Date Collected: |              |
| Project:           | Henry Lea School  | Date Received:  |              |
| Client Sample ID:  | VY0423SBL01       | SDG No.:        | Q1858        |
| Lab Sample ID:     | VY0423SBL01       | Matrix:         | SOIL         |
| Analytical Method: | SW8260            | % Solid:        | 100          |
| Sample Wt/Vol:     | 5 Units: g        | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                | Test:           | VOCMS Group1 |
| GC Column:         | RXI-624 ID : 0.25 | Level :         | LOW          |
| Prep Method :      |                   |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021963.D        | 1         |           | 04/23/25 10:31 | VY042325      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 0.75   | U         | 0.75     | 5.00       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 0.93   | U         | 0.93     | 5.00       | ug/Kg             |
| 71-43-2                   | Benzene                | 0.79   | U         | 0.79     | 5.00       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 0.81   | U         | 0.81     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 0.78   | U         | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 0.67   | U         | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 2.02   | U         | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 0.78   | U         | 0.78     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 51.1   |           | 63 - 155 | 102%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 50.0   |           | 70 - 134 | 100%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 47.6   |           | 74 - 123 | 95%        | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 38.6   |           | 38 - 136 | 77%        | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 320000 | 7.713     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 599000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 525000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 194000 | 13.347    |          |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                   |                 |              |
|--------------------|-------------------|-----------------|--------------|
| Client:            | Kleinfelder       | Date Collected: |              |
| Project:           | Henry Lea School  | Date Received:  |              |
| Client Sample ID:  | VY0423SBS01       | SDG No.:        | Q1858        |
| Lab Sample ID:     | VY0423SBS01       | Matrix:         | SOIL         |
| Analytical Method: | SW8260            | % Solid:        | 100          |
| Sample Wt/Vol:     | 5 Units: g        | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                | Test:           | VOCMS Group1 |
| GC Column:         | RXI-624 ID : 0.25 | Level :         | LOW          |
| Prep Method :      |                   |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021964.D        | 1         |           | 04/23/25 11:07 | VY042325      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 20.3   |           | 0.75     | 5.00       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 20.2   |           | 0.93     | 5.00       | ug/Kg             |
| 71-43-2                   | Benzene                | 20.7   |           | 0.79     | 5.00       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 20.2   |           | 0.81     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 20.8   |           | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 19.8   |           | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 60.1   |           | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 19.6   |           | 0.78     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 51.4   |           | 63 - 155 | 103%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 51.6   |           | 70 - 134 | 103%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 52.0   |           | 74 - 123 | 104%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 50.6   |           | 38 - 136 | 101%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 295000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 458000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 418000 | 11.42     |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 222000 | 13.346    |          |            |                   |

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                   |                 |              |
|--------------------|-------------------|-----------------|--------------|
| Client:            | Kleinfelder       | Date Collected: |              |
| Project:           | Henry Lea School  | Date Received:  |              |
| Client Sample ID:  | VY0423SBSD01      | SDG No.:        | Q1858        |
| Lab Sample ID:     | VY0423SBSD01      | Matrix:         | SOIL         |
| Analytical Method: | SW8260            | % Solid:        | 100          |
| Sample Wt/Vol:     | 5 Units: g        | Final Vol:      | 5000 uL      |
| Soil Aliquot Vol:  | uL                | Test:           | VOCMS Group1 |
| GC Column:         | RXI-624 ID : 0.25 | Level :         | LOW          |
| Prep Method :      |                   |                 |              |

|                   |           |           |                |               |
|-------------------|-----------|-----------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed  | Prep Batch ID |
| VY021965.D        | 1         |           | 04/23/25 11:30 | VY042325      |

| CAS Number                | Parameter              | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|--------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |        |           |          |            |                   |
| 156-59-2                  | cis-1,2-Dichloroethene | 21.4   |           | 0.75     | 5.00       | ug/Kg             |
| 71-55-6                   | 1,1,1-Trichloroethane  | 21.2   |           | 0.93     | 5.00       | ug/Kg             |
| 71-43-2                   | Benzene                | 21.4   |           | 0.79     | 5.00       | ug/Kg             |
| 79-01-6                   | Trichloroethene        | 21.0   |           | 0.81     | 5.00       | ug/Kg             |
| 108-88-3                  | Toluene                | 21.6   |           | 0.78     | 5.00       | ug/Kg             |
| 100-41-4                  | Ethyl Benzene          | 20.3   |           | 0.67     | 5.00       | ug/Kg             |
| 1330-20-7                 | Total Xylenes          | 62.5   |           | 2.02     | 15.0       | ug/Kg             |
| 98-82-8                   | Isopropylbenzene       | 20.2   |           | 0.78     | 5.00       | ug/Kg             |
| <b>SURROGATES</b>         |                        |        |           |          |            |                   |
| 17060-07-0                | 1,2-Dichloroethane-d4  | 57.7   |           | 63 - 155 | 115%       | SPK: 50           |
| 1868-53-7                 | Dibromofluoromethane   | 55.6   |           | 70 - 134 | 111%       | SPK: 50           |
| 2037-26-5                 | Toluene-d8             | 56.5   |           | 74 - 123 | 113%       | SPK: 50           |
| 460-00-4                  | 4-Bromofluorobenzene   | 55.5   |           | 38 - 136 | 111%       | SPK: 50           |
| <b>INTERNAL STANDARDS</b> |                        |        |           |          |            |                   |
| 363-72-4                  | Pentafluorobenzene     | 283000 | 7.707     |          |            |                   |
| 540-36-3                  | 1,4-Difluorobenzene    | 449000 | 8.616     |          |            |                   |
| 3114-55-4                 | Chlorobenzene-d5       | 414000 | 11.414    |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 217000 | 13.346    |          |            |                   |

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



# CALIBRATION SUMMARY



### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                     |                  |                      |                   |
|---------------------|------------------|----------------------|-------------------|
| Lab Name:           | <u>CHEMTECH</u>  | Contract:            | <u>POWE02</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q1858</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q1858</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q1858</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>04/22/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>13:39</u>      |
|                     |                  |                      | <u>16:15</u>      |

|                        |        |                     |        |                     |        |                     |       |       |
|------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| LAB FILE ID:           |        | RRF005 = VY021953.D |        | RRF010 = VY021954.D |        | RRF020 = VY021955.D |       |       |
|                        |        | RRF050 = VY021956.D |        | RRF100 = VY021957.D |        | RRF150 = VY021958.D |       |       |
| COMPOUND               | RRF005 | RRF010              | RRF020 | RRF050              | RRF100 | RRF150              | RRF   | % RSD |
| cis-1,2-Dichloroethene | 0.626  | 0.638               | 0.604  | 0.612               | 0.633  | 0.621               | 0.622 | 2.1   |
| 1,1,1-Trichloroethane  | 0.972  | 0.944               | 0.896  | 0.853               | 0.865  | 0.846               | 0.896 | 5.8   |
| Benzene                | 1.423  | 1.439               | 1.351  | 1.337               | 1.415  | 1.358               | 1.387 | 3.1   |
| Trichloroethene        | 0.402  | 0.405               | 0.369  | 0.367               | 0.387  | 0.375               | 0.384 | 4.3   |
| Toluene                | 0.838  | 0.915               | 0.875  | 0.894               | 0.952  | 0.913               | 0.898 | 4.4   |
| Ethyl Benzene          | 1.693  | 1.840               | 1.718  | 1.835               | 1.990  | 1.898               | 1.829 | 6.1   |
| m/p-Xylenes            | 0.664  | 0.720               | 0.699  | 0.734               | 0.797  | 0.754               | 0.728 | 6.3   |
| o-Xylene               | 0.599  | 0.639               | 0.635  | 0.689               | 0.747  | 0.716               | 0.671 | 8.3   |
| Isopropylbenzene       | 3.061  | 3.316               | 3.102  | 3.325               | 3.639  | 3.599               | 3.341 | 7.2   |
| 1,2-Dichloroethane-d4  | 0.525  | 0.477               | 0.459  | 0.466               | 0.418  | 0.427               | 0.462 | 8.3   |
| Dibromofluoromethane   | 0.335  | 0.341               | 0.330  | 0.330               | 0.319  | 0.327               | 0.330 | 2.3   |
| Toluene-d8             | 1.220  | 1.260               | 1.211  | 1.276               | 1.244  | 1.261               | 1.245 | 2     |
| 4-Bromofluorobenzene   | 0.408  | 0.429               | 0.401  | 0.426               | 0.423  | 0.428               | 0.419 | 2.8   |

\* Compounds with required minimum RRF and maximum %RSD values.  
All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG No.: Q1858

Instrument ID: MSVOA\_Y Calibration Date/Time: 04/23/2025 09:57

Lab File ID: VY021962.D Init. Calib. Date(s): 04/22/2025 04/22/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 13:39 16:15

GC Column: RXI-624 ID: 0.25 (mm)

| COMPOUND               | RRF   | RRF050 | MIN<br>RRF | %D    | MAX%D |
|------------------------|-------|--------|------------|-------|-------|
| cis-1,2-Dichloroethene | 0.622 | 0.605  |            | -2.73 | 20    |
| 1,1,1-Trichloroethane  | 0.896 | 0.858  |            | -4.24 | 20    |
| Benzene                | 1.387 | 1.381  |            | -0.43 | 20    |
| Trichloroethene        | 0.384 | 0.371  |            | -3.38 | 20    |
| Toluene                | 0.898 | 0.927  |            | 3.23  | 20    |
| Ethyl Benzene          | 1.829 | 1.881  |            | 2.84  | 20    |
| m/p-Xylenes            | 0.728 | 0.756  |            | 3.85  | 20    |
| o-Xylene               | 0.671 | 0.693  |            | 3.28  | 20    |
| Isopropylbenzene       | 3.341 | 3.454  |            | 3.38  | 20    |
| 1,2-Dichloroethane-d4  | 0.462 | 0.438  |            | -5.2  | 20    |
| Dibromofluoromethane   | 0.330 | 0.325  |            | -1.51 | 20    |
| Toluene-d8             | 1.245 | 1.266  |            | 1.69  | 20    |
| 4-Bromofluorobenzene   | 0.419 | 0.422  |            | 0.72  | 20    |

All other compounds must meet a minimum RRF of 0.010.  
RRF of 1,4-Dioxane = Value should be divide by 1000.

## LAB CHRONICLE

|                 |              |                   |                      |
|-----------------|--------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1858        | <b>OrderDate:</b> | 4/22/2025 2:54:00 PM |
| <b>Client:</b>  | Kleinfelder  | <b>Project:</b>   | Henry Lea School     |
| <b>Contact:</b> | Mark Warchol | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID      | Matrix      | Test          | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|---------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1858-01</b> | <b>COMP-1</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>04/21/25</b> | 04/23/25  | 04/23/25  | <b>04/22/25</b> |
| <b>Q1858-02</b> | <b>COMP-2</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>04/21/25</b> | 04/23/25  | 04/23/25  | <b>04/22/25</b> |
| <b>Q1858-03</b> | <b>COMP-3</b> | <b>SOIL</b> | SVOCMS Group1 | 8270E  | <b>04/21/25</b> | 04/23/25  | 04/23/25  | <b>04/22/25</b> |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

### Hit Summary Sheet SW-846

**SDG No.:** Q1858  
**Client:** Kleinfelder

| Sample ID            | Client ID | Matrix | Parameter              | Concentration | C | MDL  | RDL | Units |
|----------------------|-----------|--------|------------------------|---------------|---|------|-----|-------|
| Client ID : COMP-1   |           |        |                        |               |   |      |     |       |
| Q1858-01             | COMP-1    | SOIL   | Phenanthrene           | 97.100        | J | 24.9 | 200 | ug/Kg |
| Q1858-01             | COMP-1    | SOIL   | Pyrene                 | 96.100        | J | 42.8 | 200 | ug/Kg |
| Total Svoc :         |           |        |                        | 193.20        |   |      |     |       |
| Total Concentration: |           |        |                        | 193.20        |   |      |     |       |
| Client ID : COMP-2   |           |        |                        |               |   |      |     |       |
| Q1858-02             | COMP-2    | SOIL   | Phenanthrene           | 220.000       |   | 25.7 | 210 | ug/Kg |
| Q1858-02             | COMP-2    | SOIL   | Pyrene                 | 280.000       |   | 44.2 | 210 | ug/Kg |
| Q1858-02             | COMP-2    | SOIL   | Benzo(a)anthracene     | 160.000       | J | 28.3 | 210 | ug/Kg |
| Q1858-02             | COMP-2    | SOIL   | Chrysene               | 170.000       | J | 24.5 | 210 | ug/Kg |
| Q1858-02             | COMP-2    | SOIL   | Benzo(b)fluoranthene   | 200.000       | J | 23.3 | 210 | ug/Kg |
| Q1858-02             | COMP-2    | SOIL   | Benzo(a)pyrene         | 150.000       | J | 36.2 | 210 | ug/Kg |
| Q1858-02             | COMP-2    | SOIL   | Indeno(1,2,3-cd)pyrene | 86.100        | J | 35.8 | 210 | ug/Kg |
| Q1858-02             | COMP-2    | SOIL   | Benzo(g,h,i)perylene   | 110.000       | J | 31.6 | 210 | ug/Kg |
| Total Svoc :         |           |        |                        | 1,376.10      |   |      |     |       |
| Total Concentration: |           |        |                        | 1,376.10      |   |      |     |       |
| Client ID : COMP-3   |           |        |                        |               |   |      |     |       |
| Q1858-03             | COMP-3    | SOIL   | Phenanthrene           | 150.000       | J | 22.9 | 190 | ug/Kg |
| Q1858-03             | COMP-3    | SOIL   | Pyrene                 | 92.500        | J | 39.4 | 190 | ug/Kg |
| Total Svoc :         |           |        |                        | 242.50        |   |      |     |       |
| Total Concentration: |           |        |                        | 242.50        |   |      |     |       |



# SAMPLE DATA

## Report of Analysis

|                    |                  |                 |               |
|--------------------|------------------|-----------------|---------------|
| Client:            | Kleinfelder      | Date Collected: | 04/21/25      |
| Project:           | Henry Lea School | Date Received:  | 04/22/25      |
| Client Sample ID:  | COMP-1           | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1858-01         | Matrix:         | SOIL          |
| Analytical Method: | SW8270           | % Solid:        | 83.9          |
| Sample Wt/Vol:     | 30.06            | Units:          | g             |
| Soil Aliquot Vol:  |                  |                 | uL            |
| Extraction Type :  |                  | Decanted :      | N             |
| Injection Volume : |                  | GPC Factor :    | 1.0           |
| Prep Method :      | SW3541           | Level :         | LOW           |
|                    |                  | Test:           | SVOCMS Group1 |
|                    |                  | Final Vol:      | 1000          |
|                    |                  | GPC Cleanup :   | N             |
|                    |                  | PH :            |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050015.D        | 1         | 04/23/25 09:20 | 04/23/25 15:55 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |   |      |     |       |
|----------|------------------------|------|---|------|-----|-------|
| 91-20-3  | Naphthalene            | 27.0 | U | 27.0 | 200 | ug/Kg |
| 86-73-7  | Fluorene               | 30.1 | U | 30.1 | 200 | ug/Kg |
| 85-01-8  | Phenanthrene           | 97.1 | J | 24.9 | 200 | ug/Kg |
| 120-12-7 | Anthracene             | 39.6 | U | 39.6 | 200 | ug/Kg |
| 129-00-0 | Pyrene                 | 96.1 | J | 42.8 | 200 | ug/Kg |
| 56-55-3  | Benzo(a)anthracene     | 27.4 | U | 27.4 | 200 | ug/Kg |
| 218-01-9 | Chrysene               | 23.7 | U | 23.7 | 200 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 22.6 | U | 22.6 | 200 | ug/Kg |
| 50-32-8  | Benzo(a)pyrene         | 35.1 | U | 35.1 | 200 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 34.6 | U | 34.6 | 200 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 30.6 | U | 30.6 | 200 | ug/Kg |

### SURROGATES

|           |                  |      |  |          |     |          |
|-----------|------------------|------|--|----------|-----|----------|
| 4165-60-0 | Nitrobenzene-d5  | 56.5 |  | 18 - 107 | 56% | SPK: 100 |
| 321-60-8  | 2-Fluorobiphenyl | 52.9 |  | 20 - 109 | 53% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14    | 54.7 |  | 10 - 105 | 55% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 268000  | 7.763  |
| 1146-65-2  | Naphthalene-d8         | 920000  | 10.557 |
| 15067-26-2 | Acenaphthene-d10       | 612000  | 14.41  |
| 1517-22-2  | Phenanthrene-d10       | 1240000 | 17.156 |
| 1719-03-5  | Chrysene-d12           | 1320000 | 21.397 |
| 1520-96-3  | Perylene-d12           | 1400000 | 24.403 |

## Report of Analysis

|                    |                  |                 |               |
|--------------------|------------------|-----------------|---------------|
| Client:            | Kleinfelder      | Date Collected: | 04/21/25      |
| Project:           | Henry Lea School | Date Received:  | 04/22/25      |
| Client Sample ID:  | COMP-1           | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1858-01         | Matrix:         | SOIL          |
| Analytical Method: | SW8270           | % Solid:        | 83.9          |
| Sample Wt/Vol:     | 30.06            | Units:          | g             |
| Soil Aliquot Vol:  |                  |                 | uL            |
| Extraction Type :  |                  | Decanted :      | N             |
| Injection Volume : |                  | GPC Factor :    | 1.0           |
| Prep Method :      | SW3541           | Final Vol:      | 1000          |
|                    |                  | Test:           | SVOCMS Group1 |
|                    |                  | Level :         | LOW           |
|                    |                  | GPC Cleanup :   | N             |
|                    |                  | PH :            |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050015.D        | 1         | 04/23/25 09:20 | 04/23/25 15:55 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 04/21/25      |
| Project:           | Henry Lea School    | Date Received:  | 04/22/25      |
| Client Sample ID:  | COMP-2              | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1858-02            | Matrix:         | SOIL          |
| Analytical Method: | SW8270              | % Solid:        | 81.3          |
| Sample Wt/Vol:     | 30.03      Units: g | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                  | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N        | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0    | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541              |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050016.D        | 1         | 04/23/25 09:20 | 04/23/25 16:35 | PB167711      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 27.9    | U         | 27.9     | 210        | ug/Kg             |
| 86-73-7                   | Fluorene               | 31.1    | U         | 31.1     | 210        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 220     |           | 25.7     | 210        | ug/Kg             |
| 120-12-7                  | Anthracene             | 40.9    | U         | 40.9     | 210        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 280     |           | 44.2     | 210        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 160     | J         | 28.3     | 210        | ug/Kg             |
| 218-01-9                  | Chrysene               | 170     | J         | 24.5     | 210        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 200     | J         | 23.3     | 210        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 150     | J         | 36.2     | 210        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 86.1    | J         | 35.8     | 210        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 110     | J         | 31.6     | 210        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 62.9    |           | 18 - 107 | 63%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 57.2    |           | 20 - 109 | 57%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 58.4    |           | 10 - 105 | 58%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 281000  | 7.763     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 963000  | 10.557    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 636000  | 14.41     |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1310000 | 17.157    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1370000 | 21.398    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 1420000 | 24.397    |          |            |                   |



## Report of Analysis

|                    |                  |                 |               |
|--------------------|------------------|-----------------|---------------|
| Client:            | Kleinfelder      | Date Collected: | 04/21/25      |
| Project:           | Henry Lea School | Date Received:  | 04/22/25      |
| Client Sample ID:  | COMP-2           | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1858-02         | Matrix:         | SOIL          |
| Analytical Method: | SW8270           | % Solid:        | 81.3          |
| Sample Wt/Vol:     | 30.03            | Units:          | g             |
| Soil Aliquot Vol:  |                  |                 | uL            |
| Extraction Type :  |                  | Decanted :      | N             |
| Injection Volume : |                  | GPC Factor :    | 1.0           |
| Prep Method :      | SW3541           | Final Vol:      | 1000          |
|                    |                  | Test:           | SVOCMS Group1 |
|                    |                  | Level :         | LOW           |
|                    |                  | GPC Cleanup :   | N             |
|                    |                  | PH :            |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050016.D        | 1         | 04/23/25 09:20 | 04/23/25 16:35 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 04/21/25      |
| Project:           | Henry Lea School    | Date Received:  | 04/22/25      |
| Client Sample ID:  | COMP-3              | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1858-03            | Matrix:         | SOIL          |
| Analytical Method: | SW8270              | % Solid:        | 91.1          |
| Sample Wt/Vol:     | 30.07      Units: g | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                  | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N        | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0    | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541              |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050017.D        | 1         | 04/23/25 09:20 | 04/23/25 17:14 | PB167711      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 24.9    | U         | 24.9     | 190        | ug/Kg             |
| 86-73-7                   | Fluorene               | 27.7    | U         | 27.7     | 190        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 150     | J         | 22.9     | 190        | ug/Kg             |
| 120-12-7                  | Anthracene             | 36.5    | U         | 36.5     | 190        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 92.5    | J         | 39.4     | 190        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 25.2    | U         | 25.2     | 190        | ug/Kg             |
| 218-01-9                  | Chrysene               | 21.8    | U         | 21.8     | 190        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 20.8    | U         | 20.8     | 190        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 32.3    | U         | 32.3     | 190        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 31.9    | U         | 31.9     | 190        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 28.1    | U         | 28.1     | 190        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 49.8    |           | 18 - 107 | 50%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 47.3    |           | 20 - 109 | 47%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 54.1    |           | 10 - 105 | 54%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 296000  | 7.763     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 1030000 | 10.557    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 691000  | 14.41     |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1440000 | 17.157    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1430000 | 21.397    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 1480000 | 24.397    |          |            |                   |

## Report of Analysis

|                    |                  |                 |               |
|--------------------|------------------|-----------------|---------------|
| Client:            | Kleinfelder      | Date Collected: | 04/21/25      |
| Project:           | Henry Lea School | Date Received:  | 04/22/25      |
| Client Sample ID:  | COMP-3           | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1858-03         | Matrix:         | SOIL          |
| Analytical Method: | SW8270           | % Solid:        | 91.1          |
| Sample Wt/Vol:     | 30.07            | Units:          | g             |
| Soil Aliquot Vol:  |                  |                 | uL            |
| Extraction Type :  |                  | Decanted :      | N             |
| Injection Volume : |                  | GPC Factor :    | 1.0           |
| Prep Method :      | SW3541           | Level :         | LOW           |
|                    |                  | Final Vol:      | 1000 uL       |
|                    |                  | Test:           | SVOCMS Group1 |
|                    |                  | GPC Cleanup :   | N             |
|                    |                  | PH :            |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050017.D        | 1         | 04/23/25 09:20 | 04/23/25 17:14 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



# QC SUMMARY

## Surrogate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8270E

| Lab Sample ID | Client ID   | Parameter        | Spike (PPM) | Result (PPM) | Recovery (%) | Qual | Limits (%) |      |
|---------------|-------------|------------------|-------------|--------------|--------------|------|------------|------|
|               |             |                  |             |              |              |      | Low        | High |
| PB167711BL    | PB167711BL  | Nitrobenzene-d5  | 100         | 91.5         | 92           |      | 18         | 107  |
|               |             | 2-Fluorobiphenyl | 100         | 92.2         | 92           |      | 20         | 109  |
|               |             | Terphenyl-d14    | 100         | 98.5         | 98           |      | 10         | 105  |
| PB167711BS    | PB167711BS  | Nitrobenzene-d5  | 100         | 90.4         | 90           |      | 18         | 107  |
|               |             | 2-Fluorobiphenyl | 100         | 89.9         | 90           |      | 20         | 109  |
|               |             | Terphenyl-d14    | 100         | 101          | 101          |      | 10         | 105  |
| Q1852-07MS    | 72-12013MS  | Nitrobenzene-d5  | 100         | 69.4         | 69           |      | 18         | 107  |
|               |             | 2-Fluorobiphenyl | 100         | 67.1         | 67           |      | 20         | 109  |
|               |             | Terphenyl-d14    | 100         | 65.1         | 65           |      | 10         | 105  |
| Q1852-07MSD   | 72-12013MSD | Nitrobenzene-d5  | 100         | 68.6         | 69           |      | 18         | 107  |
|               |             | 2-Fluorobiphenyl | 100         | 63.7         | 64           |      | 20         | 109  |
|               |             | Terphenyl-d14    | 100         | 63.1         | 63           |      | 10         | 105  |
| Q1858-01      | COMP-1      | Nitrobenzene-d5  | 100         | 56.5         | 56           |      | 18         | 107  |
|               |             | 2-Fluorobiphenyl | 100         | 52.9         | 53           |      | 20         | 109  |
|               |             | Terphenyl-d14    | 100         | 54.7         | 55           |      | 10         | 105  |
| Q1858-02      | COMP-2      | Nitrobenzene-d5  | 100         | 62.9         | 63           |      | 18         | 107  |
|               |             | 2-Fluorobiphenyl | 100         | 57.2         | 57           |      | 20         | 109  |
|               |             | Terphenyl-d14    | 100         | 58.4         | 58           |      | 10         | 105  |
| Q1858-03      | COMP-3      | Nitrobenzene-d5  | 100         | 49.8         | 50           |      | 18         | 107  |
|               |             | 2-Fluorobiphenyl | 100         | 47.3         | 47           |      | 20         | 109  |
|               |             | Terphenyl-d14    | 100         | 54.1         | 54           |      | 10         | 105  |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q1858

**Client:** Kleinfelder

**Analytical Method:** SW8270E

| Parameter                        | Spike | Sample<br>Result                    | Result | Units                       | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------------|-------|-------------------------------------|--------|-----------------------------|-----|-------------|-----|-------------|-----|----------------|-----|
| <b>Lab Sample ID: Q1852-07MS</b> |       | <b>Client Sample ID: 72-12013MS</b> |        | <b>DataFile: BM050013.D</b> |     |             |     |             |     |                |     |
| Naphthalene                      | 1100  | 0                                   | 990    | ug/Kg                       | 90  |             |     |             | 72  | 110            |     |
| Fluorene                         | 1100  | 0                                   | 1000   | ug/Kg                       | 91  |             |     |             | 68  | 116            |     |
| Phenanthrene                     | 1100  | 0                                   | 1100   | ug/Kg                       | 100 |             |     |             | 52  | 128            |     |
| Anthracene                       | 1100  | 0                                   | 1100   | ug/Kg                       | 100 |             |     |             | 62  | 124            |     |
| Pyrene                           | 1100  | 0                                   | 1000   | ug/Kg                       | 91  |             |     |             | 26  | 142            |     |
| Benzo(a)anthracene               | 1100  | 0                                   | 1100   | ug/Kg                       | 100 |             |     |             | 71  | 114            |     |
| Chrysene                         | 1100  | 0                                   | 1100   | ug/Kg                       | 100 |             |     |             | 57  | 121            |     |
| Benzo(b)fluoranthene             | 1100  | 0                                   | 1100   | ug/Kg                       | 100 |             |     |             | 67  | 121            |     |
| Benzo(a)pyrene                   | 1100  | 0                                   | 1200   | ug/Kg                       | 109 |             |     |             | 70  | 142            |     |
| Indeno(1,2,3-cd)pyrene           | 1100  | 0                                   | 1100   | ug/Kg                       | 100 |             |     |             | 40  | 129            |     |
| Benzo(g,h,i)perylene             | 1100  | 0                                   | 1000   | ug/Kg                       | 91  |             |     |             | 24  | 125            |     |

**Matrix Spike/Matrix Spike Duplicate Summary**

**SW-846**

**SDG No.:** Q1858

**Client:** Kleinfelder

**Analytical Method:** SW8270E

| Parameter              | Spike              | Sample<br>Result         | Result             | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual      | Low               | Limits<br>High | RPD |
|------------------------|--------------------|--------------------------|--------------------|-------|-----|-------------|-----|------------------|-------------------|----------------|-----|
| <b>Lab Sample ID:</b>  | <b>Q1852-07MSD</b> | <b>Client Sample ID:</b> | <b>72-12013MSD</b> |       |     |             |     | <b>DataFile:</b> | <b>BM050014.D</b> |                |     |
| Naphthalene            | 1100               | 0                        | 970                | ug/Kg | 88  |             | 2   |                  | 72                | 110            | 20  |
| Fluorene               | 1100               | 0                        | 990                | ug/Kg | 90  |             | 1   |                  | 68                | 116            | 20  |
| Phenanthrene           | 1100               | 0                        | 1000               | ug/Kg | 91  |             | 9   |                  | 52                | 128            | 20  |
| Anthracene             | 1100               | 0                        | 1100               | ug/Kg | 100 |             | 0   |                  | 62                | 124            | 20  |
| Pyrene                 | 1100               | 0                        | 990                | ug/Kg | 90  |             | 1   |                  | 26                | 142            | 20  |
| Benzo(a)anthracene     | 1100               | 0                        | 1100               | ug/Kg | 100 |             | 0   |                  | 71                | 114            | 20  |
| Chrysene               | 1100               | 0                        | 1000               | ug/Kg | 91  |             | 9   |                  | 57                | 121            | 20  |
| Benzo(b)fluoranthene   | 1100               | 0                        | 1000               | ug/Kg | 91  |             | 9   |                  | 67                | 121            | 20  |
| Benzo(a)pyrene         | 1100               | 0                        | 1100               | ug/Kg | 100 |             | 9   |                  | 70                | 142            | 20  |
| Indeno(1,2,3-cd)pyrene | 1100               | 0                        | 1100               | ug/Kg | 100 |             | 0   |                  | 40                | 129            | 20  |
| Benzo(g,h,i)perylene   | 1100               | 0                        | 970                | ug/Kg | 88  |             | 3   |                  | 24                | 125            | 20  |

## Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8270E DataFile: BP024409.D

| Lab Sample ID | Parameter              | Spike | Result | Unit  | Rec | RPD | Qual | RPD  | Limits |      | RPD |
|---------------|------------------------|-------|--------|-------|-----|-----|------|------|--------|------|-----|
|               |                        |       |        |       |     |     |      | Qual | Low    | High |     |
| PB167711BS    | Naphthalene            | 1700  | 1500   | ug/Kg | 88  |     |      |      | 62     | 100  |     |
|               | Fluorene               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 61     | 101  |     |
|               | Phenanthrene           | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 103  |     |
|               | Anthracene             | 1700  | 1600   | ug/Kg | 94  |     |      |      | 61     | 105  |     |
|               | Pyrene                 | 1700  | 1700   | ug/Kg | 100 |     |      |      | 59     | 103  |     |
|               | Benzo(a)anthracene     | 1700  | 1600   | ug/Kg | 94  |     |      |      | 60     | 102  |     |
|               | Chrysene               | 1700  | 1500   | ug/Kg | 88  |     |      |      | 59     | 101  |     |
|               | Benzo(b)fluoranthene   | 1700  | 1600   | ug/Kg | 94  |     |      |      | 62     | 109  |     |
|               | Benzo(a)pyrene         | 1700  | 1700   | ug/Kg | 100 |     |      |      | 63     | 103  |     |
|               | Indeno(1,2,3-cd)pyrene | 1700  | 1600   | ug/Kg | 94  |     |      |      | 63     | 101  |     |
|               | Benzo(g,h,i)perylene   | 1700  | 1500   | ug/Kg | 88  |     |      |      | 70     | 108  |     |



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167711BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: Q1858

SAS No.: Q1858 SDG NO.: Q1858

Lab File ID: BP024408.D

Lab Sample ID: PB167711BL

Instrument ID: BNA\_P

Date Extracted: 04/23/2025

Matrix: (soil/water) SOIL

Date Analyzed: 04/24/2025

Level: (low/med) LOW

Time Analyzed: 12:31

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED |
|-------------------|------------------|----------------|------------------|
| PB167711BS        | PB167711BS       | BP024409.D     | 04/24/2025       |
| 72-12013MS        | Q1852-07MS       | BM050013.D     | 04/23/2025       |
| 72-12013MSD       | Q1852-07MSD      | BM050014.D     | 04/23/2025       |
| COMP-1            | Q1858-01         | BM050015.D     | 04/23/2025       |
| COMP-2            | Q1858-02         | BM050016.D     | 04/23/2025       |
| COMP-3            | Q1858-03         | BM050017.D     | 04/23/2025       |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM

SAS No.: Q1858 SDG NO.: Q1858

Lab File ID: BM049847.D

DFTPP Injection Date: 04/08/2025

Instrument ID: BNA\_M

DFTPP Injection Time: 12:55

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 22.1                 |
| 68  | Less than 2.0% of mass 69          | 0.3 ( 1.2 ) 1        |
| 69  | Mass 69 relative abundance         | 26.5                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.3 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 34.9                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 7                    |
| 275 | 10.0 - 60.0% of mass 198           | 26.5                 |
| 365 | Greater than 1% of mass 198        | 3.7                  |
| 441 | Present, but less than mass 443    | 12.4                 |
| 442 | Greater than 50% of mass 198       | 81.2                 |
| 443 | 15.0 - 24.0% of mass 442           | 15.3 ( 18.8 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BM049848.D     | 04/08/2025       | 13:35            |
| SSTDICC005        | SSTDICC005       | BM049849.D     | 04/08/2025       | 14:14            |
| SSTDICC010        | SSTDICC010       | BM049850.D     | 04/08/2025       | 14:53            |
| SSTDICC020        | SSTDICC020       | BM049851.D     | 04/08/2025       | 15:32            |
| SSTDICCC040       | SSTDICCC040      | BM049852.D     | 04/08/2025       | 16:12            |
| SSTDICC050        | SSTDICC050       | BM049853.D     | 04/08/2025       | 17:30            |
| SSTDICC060        | SSTDICC060       | BM049854.D     | 04/08/2025       | 19:28            |
| SSTDICC080        | SSTDICC080       | BM049855.D     | 04/08/2025       | 20:07            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM

SAS No.: Q1858

SDG NO.: Q1858

Lab File ID: BM050006.D

DFTPP Injection Date: 04/23/2025

Instrument ID: BNA\_M

DFTPP Injection Time: 09:18

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 21                   |
| 68  | Less than 2.0% of mass 69          | 0.4 ( 1.6 ) 1        |
| 69  | Mass 69 relative abundance         | 25.4                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.6 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 32.7                 |
| 197 | Less than 2.0% of mass 198         | 0.4                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 26.3                 |
| 365 | Greater than 1% of mass 198        | 3.4                  |
| 441 | Present, but less than mass 443    | 11.7                 |
| 442 | Greater than 50% of mass 198       | 75.4                 |
| 443 | 15.0 - 24.0% of mass 442           | 14.7 ( 19.5 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BM050007.D     | 04/23/2025       | 10:38            |
| 72-12013MS        | Q1852-07MS       | BM050013.D     | 04/23/2025       | 14:37            |
| 72-12013MSD       | Q1852-07MSD      | BM050014.D     | 04/23/2025       | 15:16            |
| COMP-1            | Q1858-01         | BM050015.D     | 04/23/2025       | 15:55            |
| COMP-2            | Q1858-02         | BM050016.D     | 04/23/2025       | 16:35            |
| COMP-3            | Q1858-03         | BM050017.D     | 04/23/2025       | 17:14            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM

SAS No.: Q1858

SDG NO.: Q1858

Lab File ID: BP024274.D

DFTPP Injection Date: 04/14/2025

Instrument ID: BNA\_P

DFTPP Injection Time: 10:25

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 30.4                 |
| 68  | Less than 2.0% of mass 69          | 0.7 ( 1.8 ) 1        |
| 69  | Mass 69 relative abundance         | 36                   |
| 70  | Less than 2.0% of mass 69          | 0.2 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 48.5                 |
| 197 | Less than 2.0% of mass 198         | 0.5                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6.9                  |
| 275 | 10.0 - 60.0% of mass 198           | 29.1                 |
| 365 | Greater than 1% of mass 198        | 4.1                  |
| 441 | Present, but less than mass 443    | 15.2                 |
| 442 | Greater than 50% of mass 198       | 99.1                 |
| 443 | 15.0 - 24.0% of mass 442           | 19.2 ( 19.4 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDICC2.5        | SSTDICC2.5       | BP024275.D     | 04/14/2025       | 11:06            |
| SSTDICC005        | SSTDICC005       | BP024276.D     | 04/14/2025       | 11:47            |
| SSTDICC010        | SSTDICC010       | BP024277.D     | 04/14/2025       | 12:27            |
| SSTDICC020        | SSTDICC020       | BP024278.D     | 04/14/2025       | 13:08            |
| SSTDICCC040       | SSTDICCC040      | BP024279.D     | 04/14/2025       | 13:49            |
| SSTDICC050        | SSTDICC050       | BP024280.D     | 04/14/2025       | 15:10            |
| SSTDICC060        | SSTDICC060       | BP024281.D     | 04/14/2025       | 16:32            |
| SSTDICC080        | SSTDICC080       | BP024282.D     | 04/14/2025       | 17:13            |

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM

SAS No.: Q1858

SDG NO.: Q1858

Lab File ID: BP024406.D

DFTPP Injection Date: 04/24/2025

Instrument ID: BNA\_P

DFTPP Injection Time: 11:10

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 51  | 10.0 - 80.0% of mass 198           | 26.2                 |
| 68  | Less than 2.0% of mass 69          | 0.5 ( 1.7 ) 1        |
| 69  | Mass 69 relative abundance         | 30.1                 |
| 70  | Less than 2.0% of mass 69          | 0.1 ( 0.5 ) 1        |
| 127 | 10.0 - 80.0% of mass 198           | 42.2                 |
| 197 | Less than 2.0% of mass 198         | 0.0                  |
| 198 | Base Peak, 100% relative abundance | 100                  |
| 199 | 5.0 to 9.0% of mass 198            | 6                    |
| 275 | 10.0 - 60.0% of mass 198           | 27.3                 |
| 365 | Greater than 1% of mass 198        | 4.1                  |
| 441 | Present, but less than mass 443    | 15.3                 |
| 442 | Greater than 50% of mass 198       | 100                  |
| 443 | 15.0 - 24.0% of mass 442           | 19.3 ( 19.3 ) 2      |

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| SSTDCCC040        | SSTDCCC040       | BP024407.D     | 04/24/2025       | 11:50            |
| PB167711BL        | PB167711BL       | BP024408.D     | 04/24/2025       | 12:31            |
| PB167711BS        | PB167711BS       | BP024409.D     | 04/24/2025       | 13:12            |

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/23/2025

Lab File ID: BM050007.D Time Analyzed: 10:38

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #  |
|----------------|---------------------|-------|---------------------|--------|---------------------|-------|
| 12 HOUR STD    | 307209              | 7.763 | 1029600             | 10.56  | 636547              | 14.41 |
| UPPER LIMIT    | 614418              | 8.263 | 2059200             | 11.057 | 1273090             | 14.91 |
| LOWER LIMIT    | 153605              | 7.263 | 514800              | 10.057 | 318274              | 13.91 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |       |
| 01 72-12013MS  | 287884              | 7.76  | 952796              | 10.56  | 566920              | 14.41 |
| 02 72-12013MSD | 270803              | 7.76  | 919060              | 10.56  | 576233              | 14.41 |
| 03 COMP-1      | 268192              | 7.76  | 920312              | 10.56  | 612241              | 14.41 |
| 04 COMP-2      | 281365              | 7.76  | 963050              | 10.56  | 635987              | 14.41 |
| 05 COMP-3      | 296499              | 7.76  | 1032150             | 10.56  | 691467              | 14.41 |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/23/2025

Lab File ID: BM050007.D Time Analyzed: 10:38

Instrument ID: BNA\_M GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #   |
|----------------|---------------------|--------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 1225580             | 17.157 | 1143350             | 21.398 | 1143260             | 24.403 |
| UPPER LIMIT    | 2451160             | 17.657 | 2286700             | 21.898 | 2286520             | 24.903 |
| LOWER LIMIT    | 612790              | 16.657 | 571675              | 20.898 | 571630              | 23.903 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |        |
| 01 72-12013MS  | 1079720             | 17.16  | 1168530             | 21.40  | 1272700             | 24.40  |
| 02 72-12013MSD | 1111720             | 17.16  | 1219360             | 21.40  | 1284690             | 24.40  |
| 03 COMP-1      | 1242940             | 17.16  | 1324640             | 21.40  | 1398710             | 24.40  |
| 04 COMP-2      | 1306190             | 17.16  | 1368420             | 21.40  | 1421970             | 24.40  |
| 05 COMP-3      | 1437930             | 17.16  | 1425720             | 21.40  | 1479400             | 24.40  |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/24/2025

Lab File ID: BP024407.D Time Analyzed: 11:50

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS1 (DCB)<br>AREA # | RT #  | IS2 (NPT)<br>AREA # | RT #   | IS3 (ANT)<br>AREA # | RT #   |
|----------------|---------------------|-------|---------------------|--------|---------------------|--------|
| 12 HOUR STD    | 264641              | 7.716 | 1170080             | 10.49  | 779721              | 14.35  |
| UPPER LIMIT    | 529282              | 8.216 | 2340160             | 10.987 | 1559440             | 14.845 |
| LOWER LIMIT    | 132321              | 7.216 | 585040              | 9.987  | 389861              | 13.845 |
| EPA SAMPLE NO. |                     |       |                     |        |                     |        |
| 01 PB167711BL  | 288156              | 7.72  | 1116360             | 10.49  | 654539              | 14.34  |
| 02 PB167711BS  | 253522              | 7.72  | 1075220             | 10.49  | 697166              | 14.35  |

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

EPA Sample No.: SSTDCCC040 Date Analyzed: 04/24/2025

Lab File ID: BP024407.D Time Analyzed: 11:50

Instrument ID: BNA\_P GC Column: ZB-GR ID: 0.25 (mm)

|                | IS4 (PHN)<br>AREA # | RT #   | IS5 (CRY)<br>AREA # | RT #   | IS6 (PRY)<br>AREA # | RT #  |
|----------------|---------------------|--------|---------------------|--------|---------------------|-------|
| 12 HOUR STD    | 1570090             | 17.145 | 1711310             | 21.592 | 1789710             | 24.91 |
| UPPER LIMIT    | 3140180             | 17.645 | 3422620             | 22.092 | 3579420             | 25.41 |
| LOWER LIMIT    | 785045              | 16.645 | 855655              | 21.092 | 894855              | 24.41 |
| EPA SAMPLE NO. |                     |        |                     |        |                     |       |
| 01 PB167711BL  | 1181170             | 17.13  | 1074960             | 21.57  | 1210800             | 24.92 |
| 02 PB167711BS  | 1340060             | 17.15  | 1256050             | 21.59  | 1241820             | 24.90 |

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

# Column used to flag values outside QC limits with an asterisk.

\* Values outside of QC limits.



# QC SAMPLE DATA

## Report of Analysis

|                    |                  |                 |               |
|--------------------|------------------|-----------------|---------------|
| Client:            | Kleinfelder      | Date Collected: |               |
| Project:           | Henry Lea School | Date Received:  |               |
| Client Sample ID:  | PB167711BL       | SDG No.:        | Q1858         |
| Lab Sample ID:     | PB167711BL       | Matrix:         | SOIL          |
| Analytical Method: | SW8270           | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.01 Units: g   | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL               | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N     | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3541           |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP024408.D        | 1         | 04/23/25 09:20 | 04/24/25 12:31 | PB167711      |

| CAS Number                | Parameter              | Conc.   | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|---------------------------|------------------------|---------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>            |                        |         |           |          |            |                   |
| 91-20-3                   | Naphthalene            | 22.7    | U         | 22.7     | 170        | ug/Kg             |
| 86-73-7                   | Fluorene               | 25.3    | U         | 25.3     | 170        | ug/Kg             |
| 85-01-8                   | Phenanthrene           | 20.9    | U         | 20.9     | 170        | ug/Kg             |
| 120-12-7                  | Anthracene             | 33.3    | U         | 33.3     | 170        | ug/Kg             |
| 129-00-0                  | Pyrene                 | 36.0    | U         | 36.0     | 170        | ug/Kg             |
| 56-55-3                   | Benzo(a)anthracene     | 23.0    | U         | 23.0     | 170        | ug/Kg             |
| 218-01-9                  | Chrysene               | 19.9    | U         | 19.9     | 170        | ug/Kg             |
| 205-99-2                  | Benzo(b)fluoranthene   | 19.0    | U         | 19.0     | 170        | ug/Kg             |
| 50-32-8                   | Benzo(a)pyrene         | 29.5    | U         | 29.5     | 170        | ug/Kg             |
| 193-39-5                  | Indeno(1,2,3-cd)pyrene | 29.1    | U         | 29.1     | 170        | ug/Kg             |
| 191-24-2                  | Benzo(g,h,i)perylene   | 25.7    | U         | 25.7     | 170        | ug/Kg             |
| <b>SURROGATES</b>         |                        |         |           |          |            |                   |
| 4165-60-0                 | Nitrobenzene-d5        | 91.5    |           | 18 - 107 | 92%        | SPK: 100          |
| 321-60-8                  | 2-Fluorobiphenyl       | 92.2    |           | 20 - 109 | 92%        | SPK: 100          |
| 1718-51-0                 | Terphenyl-d14          | 98.5    |           | 10 - 105 | 98%        | SPK: 100          |
| <b>INTERNAL STANDARDS</b> |                        |         |           |          |            |                   |
| 3855-82-1                 | 1,4-Dichlorobenzene-d4 | 288000  | 7.722     |          |            |                   |
| 1146-65-2                 | Naphthalene-d8         | 1120000 | 10.486    |          |            |                   |
| 15067-26-2                | Acenaphthene-d10       | 655000  | 14.339    |          |            |                   |
| 1517-22-2                 | Phenanthrene-d10       | 1180000 | 17.133    |          |            |                   |
| 1719-03-5                 | Chrysene-d12           | 1070000 | 21.574    |          |            |                   |
| 1520-96-3                 | Perylene-d12           | 1210000 | 24.915    |          |            |                   |

## Report of Analysis

|                    |                  |                 |               |
|--------------------|------------------|-----------------|---------------|
| Client:            | Kleinfelder      | Date Collected: |               |
| Project:           | Henry Lea School | Date Received:  |               |
| Client Sample ID:  | PB167711BL       | SDG No.:        | Q1858         |
| Lab Sample ID:     | PB167711BL       | Matrix:         | SOIL          |
| Analytical Method: | SW8270           | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.01 Units: g   | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL               | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N     | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3541           |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP024408.D        | 1         | 04/23/25 09:20 | 04/24/25 12:31 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 () = Laboratory InHouse Limit  
 A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                  |                 |               |
|--------------------|------------------|-----------------|---------------|
| Client:            | Kleinfelder      | Date Collected: |               |
| Project:           | Henry Lea School | Date Received:  |               |
| Client Sample ID:  | PB167711BS       | SDG No.:        | Q1858         |
| Lab Sample ID:     | PB167711BS       | Matrix:         | SOIL          |
| Analytical Method: | SW8270           | % Solid:        | 100           |
| Sample Wt/Vol:     | 30.03 Units: g   | Final Vol:      | 1000 uL       |
| Soil Aliquot Vol:  | uL               | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N     | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0 | GPC Cleanup :   | N PH :        |
| Prep Method :      | SW3541           |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP024409.D        | 1         | 04/23/25 09:20 | 04/24/25 13:12 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |  |      |     |       |
|----------|------------------------|------|--|------|-----|-------|
| 91-20-3  | Naphthalene            | 1500 |  | 22.7 | 170 | ug/Kg |
| 86-73-7  | Fluorene               | 1500 |  | 25.3 | 170 | ug/Kg |
| 85-01-8  | Phenanthrene           | 1500 |  | 20.9 | 170 | ug/Kg |
| 120-12-7 | Anthracene             | 1600 |  | 33.3 | 170 | ug/Kg |
| 129-00-0 | Pyrene                 | 1700 |  | 36.0 | 170 | ug/Kg |
| 56-55-3  | Benzo(a)anthracene     | 1600 |  | 23.0 | 170 | ug/Kg |
| 218-01-9 | Chrysene               | 1500 |  | 19.9 | 170 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 1600 |  | 19.0 | 170 | ug/Kg |
| 50-32-8  | Benzo(a)pyrene         | 1700 |  | 29.5 | 170 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1600 |  | 29.1 | 170 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 1500 |  | 25.7 | 170 | ug/Kg |

### SURROGATES

|           |                  |      |  |          |      |          |
|-----------|------------------|------|--|----------|------|----------|
| 4165-60-0 | Nitrobenzene-d5  | 90.4 |  | 18 - 107 | 90%  | SPK: 100 |
| 321-60-8  | 2-Fluorobiphenyl | 89.9 |  | 20 - 109 | 90%  | SPK: 100 |
| 1718-51-0 | Terphenyl-d14    | 101  |  | 10 - 105 | 101% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 254000  | 7.722  |
| 1146-65-2  | Naphthalene-d8         | 1080000 | 10.493 |
| 15067-26-2 | Acenaphthene-d10       | 697000  | 14.351 |
| 1517-22-2  | Phenanthrene-d10       | 1340000 | 17.145 |
| 1719-03-5  | Chrysene-d12           | 1260000 | 21.592 |
| 1520-96-3  | Perylene-d12           | 1240000 | 24.898 |

## Report of Analysis

|                    |                        |                 |                              |
|--------------------|------------------------|-----------------|------------------------------|
| Client:            | Kleinfelder            | Date Collected: |                              |
| Project:           | Henry Lea School       | Date Received:  |                              |
| Client Sample ID:  | PB167711BS             | SDG No.:        | Q1858                        |
| Lab Sample ID:     | PB167711BS             | Matrix:         | SOIL                         |
| Analytical Method: | SW8270                 | % Solid:        | 100                          |
| Sample Wt/Vol:     | 30.03      Units:    g | Final Vol:      | 1000                      uL |
| Soil Aliquot Vol:  | uL                     | Test:           | SVOCMS Group1                |
| Extraction Type :  | Decanted :      N      | Level :         | LOW                          |
| Injection Volume : | GPC Factor :    1.0    | GPC Cleanup :   | N                      PH :  |
| Prep Method :      | SW3541                 |                 |                              |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BP024409.D        | 1         | 04/23/25 09:20 | 04/24/25 13:12 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 04/22/25      |
| Project:           | Henry Lea School    | Date Received:  | 04/22/25      |
| Client Sample ID:  | 72-12013MS          | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1852-07MS          | Matrix:         | SOIL          |
| Analytical Method: | SW8270              | % Solid:        | 89.2          |
| Sample Wt/Vol:     | 50.07      Units: g | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                  | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N        | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0    | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541              |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050013.D        | 1         | 04/23/25 09:20 | 04/23/25 14:37 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |  |      |     |       |
|----------|------------------------|------|--|------|-----|-------|
| 91-20-3  | Naphthalene            | 990  |  | 15.2 | 110 | ug/Kg |
| 86-73-7  | Fluorene               | 1000 |  | 17.0 | 110 | ug/Kg |
| 85-01-8  | Phenanthrene           | 1100 |  | 14.0 | 110 | ug/Kg |
| 120-12-7 | Anthracene             | 1100 |  | 22.4 | 110 | ug/Kg |
| 129-00-0 | Pyrene                 | 1000 |  | 24.2 | 110 | ug/Kg |
| 56-55-3  | Benzo(a)anthracene     | 1100 |  | 15.4 | 110 | ug/Kg |
| 218-01-9 | Chrysene               | 1100 |  | 13.4 | 110 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 1100 |  | 12.8 | 110 | ug/Kg |
| 50-32-8  | Benzo(a)pyrene         | 1200 |  | 19.8 | 110 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 |  | 19.5 | 110 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 1000 |  | 17.3 | 110 | ug/Kg |

### SURROGATES

|           |                  |      |  |          |     |          |
|-----------|------------------|------|--|----------|-----|----------|
| 4165-60-0 | Nitrobenzene-d5  | 69.4 |  | 18 - 107 | 69% | SPK: 100 |
| 321-60-8  | 2-Fluorobiphenyl | 67.1 |  | 20 - 109 | 67% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14    | 65.1 |  | 10 - 105 | 65% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 288000  | 7.763  |
| 1146-65-2  | Naphthalene-d8         | 953000  | 10.557 |
| 15067-26-2 | Acenaphthene-d10       | 567000  | 14.41  |
| 1517-22-2  | Phenanthrene-d10       | 1080000 | 17.157 |
| 1719-03-5  | Chrysene-d12           | 1170000 | 21.398 |
| 1520-96-3  | Perylene-d12           | 1270000 | 24.397 |

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 04/22/25      |
| Project:           | Henry Lea School    | Date Received:  | 04/22/25      |
| Client Sample ID:  | 72-12013MS          | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1852-07MS          | Matrix:         | SOIL          |
| Analytical Method: | SW8270              | % Solid:        | 89.2          |
| Sample Wt/Vol:     | 50.07      Units: g | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                  | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N        | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0    | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541              |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050013.D        | 1         | 04/23/25 09:20 | 04/23/25 14:37 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 04/22/25      |
| Project:           | Henry Lea School    | Date Received:  | 04/22/25      |
| Client Sample ID:  | 72-12013MSD         | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1852-07MSD         | Matrix:         | SOIL          |
| Analytical Method: | SW8270              | % Solid:        | 89.2          |
| Sample Wt/Vol:     | 50.06      Units: g | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                  | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N        | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0    | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541              |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050014.D        | 1         | 04/23/25 09:20 | 04/23/25 15:16 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units(Dry Weight) |
|------------|-----------|-------|-----------|-----|------------|-------------------|
|------------|-----------|-------|-----------|-----|------------|-------------------|

### TARGETS

|          |                        |      |  |      |     |       |
|----------|------------------------|------|--|------|-----|-------|
| 91-20-3  | Naphthalene            | 970  |  | 15.3 | 110 | ug/Kg |
| 86-73-7  | Fluorene               | 990  |  | 17.0 | 110 | ug/Kg |
| 85-01-8  | Phenanthrene           | 1000 |  | 14.0 | 110 | ug/Kg |
| 120-12-7 | Anthracene             | 1100 |  | 22.4 | 110 | ug/Kg |
| 129-00-0 | Pyrene                 | 990  |  | 24.2 | 110 | ug/Kg |
| 56-55-3  | Benzo(a)anthracene     | 1100 |  | 15.5 | 110 | ug/Kg |
| 218-01-9 | Chrysene               | 1000 |  | 13.4 | 110 | ug/Kg |
| 205-99-2 | Benzo(b)fluoranthene   | 1000 |  | 12.8 | 110 | ug/Kg |
| 50-32-8  | Benzo(a)pyrene         | 1100 |  | 19.8 | 110 | ug/Kg |
| 193-39-5 | Indeno(1,2,3-cd)pyrene | 1100 |  | 19.6 | 110 | ug/Kg |
| 191-24-2 | Benzo(g,h,i)perylene   | 970  |  | 17.3 | 110 | ug/Kg |

### SURROGATES

|           |                  |      |  |          |     |          |
|-----------|------------------|------|--|----------|-----|----------|
| 4165-60-0 | Nitrobenzene-d5  | 68.6 |  | 18 - 107 | 69% | SPK: 100 |
| 321-60-8  | 2-Fluorobiphenyl | 63.7 |  | 20 - 109 | 64% | SPK: 100 |
| 1718-51-0 | Terphenyl-d14    | 63.1 |  | 10 - 105 | 63% | SPK: 100 |

### INTERNAL STANDARDS

|            |                        |         |        |
|------------|------------------------|---------|--------|
| 3855-82-1  | 1,4-Dichlorobenzene-d4 | 271000  | 7.763  |
| 1146-65-2  | Naphthalene-d8         | 919000  | 10.557 |
| 15067-26-2 | Acenaphthene-d10       | 576000  | 14.41  |
| 1517-22-2  | Phenanthrene-d10       | 1110000 | 17.157 |
| 1719-03-5  | Chrysene-d12           | 1220000 | 21.398 |
| 1520-96-3  | Perylene-d12           | 1280000 | 24.403 |

## Report of Analysis

|                    |                     |                 |               |
|--------------------|---------------------|-----------------|---------------|
| Client:            | Kleinfelder         | Date Collected: | 04/22/25      |
| Project:           | Henry Lea School    | Date Received:  | 04/22/25      |
| Client Sample ID:  | 72-12013MSD         | SDG No.:        | Q1858         |
| Lab Sample ID:     | Q1852-07MSD         | Matrix:         | SOIL          |
| Analytical Method: | SW8270              | % Solid:        | 89.2          |
| Sample Wt/Vol:     | 50.06      Units: g | Final Vol:      | 1000      uL  |
| Soil Aliquot Vol:  | uL                  | Test:           | SVOCMS Group1 |
| Extraction Type :  | Decanted : N        | Level :         | LOW           |
| Injection Volume : | GPC Factor : 1.0    | GPC Cleanup :   | N      PH :   |
| Prep Method :      | SW3541              |                 |               |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| BM050014.D        | 1         | 04/23/25 09:20 | 04/23/25 15:16 | PB167711      |

| CAS Number | Parameter | Conc. | Qualifier | MDL | LOQ / CRQL | Units |
|------------|-----------|-------|-----------|-----|------------|-------|
|------------|-----------|-------|-----------|-----|------------|-------|

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



# CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP041425.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Tue Apr 15 04:48:42 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BP024275.D 5 =BP024276.D 10 =BP024277.D 20 =BP024278.D 40 =BP024279.D 50 =BP024280.D 60 =BP024281.D 80 =BP024282.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 2)    | 1,4-Dioxane           | 0.551          | 0.517 | 0.552 | 0.512 | 0.481 | 0.490 | 0.477 | 0.512 | 6.10  |      |
| 3)    | Pyridine              | 1.265          | 1.280 | 1.422 | 1.396 | 1.333 | 1.383 | 1.378 | 1.351 | 4.43  |      |
| 4)    | n-Nitrosodimet...     | 0.424          | 0.443 | 0.469 | 0.457 | 0.442 | 0.460 | 0.444 | 0.448 | 3.29  |      |
| 5) S  | 2-Fluorophenol        | 1.123          | 1.145 | 1.262 | 1.254 | 1.210 | 1.277 | 1.196 | 1.210 | 4.93  |      |
| 6)    | Aniline               | 1.439          | 1.487 | 1.636 | 1.587 | 1.403 | 1.428 | 1.380 | 1.480 | 6.52  |      |
| 7) S  | Phenol-d6             | 1.463          | 1.552 | 1.718 | 1.748 | 1.697 | 1.769 | 1.647 | 1.656 | 6.75  |      |
| 8)    | 2-Chlorophenol        | 1.260          | 1.297 | 1.412 | 1.399 | 1.359 | 1.400 | 1.328 | 1.350 | 4.30  |      |
| 9)    | Benzaldehyde          | 0.943          | 0.934 | 0.942 | 0.836 | 0.732 | 0.726 | 0.621 | 0.819 | 15.70 |      |
| 10) C | Phenol                | 1.475          | 1.565 | 1.720 | 1.750 | 1.698 | 1.779 | 1.643 | 1.661 | 6.54  |      |
| 11)   | bis(2-Chloroet...     | 1.278          | 1.317 | 1.399 | 1.398 | 1.321 | 1.358 | 1.300 | 1.339 | 3.56  |      |
| 12)   | 1,3-Dichlorobe...     | 1.464          | 1.486 | 1.534 | 1.486 | 1.402 | 1.433 | 1.373 | 1.454 | 3.79  |      |
| 13) C | 1,4-Dichlorobe...     | 1.496          | 1.489 | 1.550 | 1.494 | 1.436 | 1.463 | 1.399 | 1.475 | 3.28  |      |
| 14)   | 1,2-Dichlorobe...     | 1.472          | 1.441 | 1.502 | 1.445 | 1.362 | 1.411 | 1.339 | 1.424 | 4.10  |      |
| 15)   | Benzyl Alcohol        | 0.857          | 0.935 | 1.106 | 1.158 | 1.142 | 1.178 | 1.122 | 1.071 | 11.58 |      |
| 16)   | 2,2'-oxybis(1-...     | 1.452          | 1.496 | 1.517 | 1.514 | 1.405 | 1.397 | 1.348 | 1.447 | 4.54  |      |
| 17)   | 2-Methylphenol        | 0.915          | 1.002 | 1.123 | 1.140 | 1.105 | 1.150 | 1.087 | 1.075 | 7.97  |      |
| 18)   | Hexachloroethane      | 0.532          | 0.537 | 0.558 | 0.542 | 0.521 | 0.533 | 0.510 | 0.533 | 2.88  |      |
| 19) P | n-Nitroso-di-n...     | 0.941          | 1.008 | 1.008 | 1.088 | 1.084 | 1.041 | 1.038 | 0.989 | 1.025 | 4.76 |
| 20)   | 3+4-Methylphenols     | 1.224          | 1.365 | 1.560 | 1.592 | 1.567 | 1.607 | 1.525 | 1.491 | 9.57  |      |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |      |
| 22)   | Acetophenone          | 0.470          | 0.487 | 0.522 | 0.519 | 0.490 | 0.495 | 0.483 | 0.495 | 3.85  |      |
| 23) S | Nitrobenzene-d5       | 0.322          | 0.337 | 0.367 | 0.368 | 0.357 | 0.356 | 0.347 | 0.351 | 4.76  |      |
| 24)   | Nitrobenzene          | 0.328          | 0.334 | 0.362 | 0.364 | 0.349 | 0.353 | 0.340 | 0.347 | 3.96  |      |
| 25)   | Isophorone            | 0.575          | 0.601 | 0.653 | 0.673 | 0.650 | 0.654 | 0.639 | 0.635 | 5.41  |      |
| 26) C | 2-Nitrophenol         | 0.130          | 0.143 | 0.172 | 0.183 | 0.184 | 0.191 | 0.186 | 0.170 | 13.97 |      |
| 27)   | 2,4-Dimethylph...     | 0.180          | 0.194 | 0.219 | 0.226 | 0.225 | 0.228 | 0.221 | 0.213 | 8.81  |      |
| 28)   | bis(2-Chloroet...     | 0.412          | 0.426 | 0.444 | 0.452 | 0.430 | 0.425 | 0.412 | 0.429 | 3.51  |      |
| 29) C | 2,4-Dichloroph...     | 0.242          | 0.268 | 0.297 | 0.308 | 0.307 | 0.311 | 0.302 | 0.291 | 8.94  |      |
| 30)   | 1,2,4-Trichlor...     | 0.308          | 0.305 | 0.318 | 0.321 | 0.309 | 0.315 | 0.306 | 0.311 | 2.00  |      |
| 31)   | Naphthalene           | 1.044          | 1.054 | 1.091 | 1.079 | 1.037 | 1.048 | 1.023 | 1.054 | 2.27  |      |
| 32)   | Benzoic acid          |                | 0.185 | 0.226 | 0.242 | 0.270 | 0.285 | 0.282 | 0.248 | 15.56 |      |
| 33)   | 4-Chloroaniline       | 0.328          | 0.349 | 0.389 | 0.397 | 0.378 | 0.379 | 0.378 | 0.371 | 6.46  |      |
| 34) C | Hexachlorobuta...     | 0.181          | 0.181 | 0.186 | 0.189 | 0.181 | 0.182 | 0.182 | 0.183 | 1.62  |      |
| 35)   | Caprolactam           | 0.085          | 0.092 | 0.111 | 0.112 | 0.115 | 0.121 | 0.115 | 0.107 | 12.53 |      |
| 36) C | 4-Chloro-3-met...     | 0.284          | 0.310 | 0.349 | 0.357 | 0.356 | 0.363 | 0.351 | 0.339 | 8.82  |      |
| 37)   | 2-Methylnaphth...     | 0.700          | 0.720 | 0.755 | 0.755 | 0.733 | 0.740 | 0.712 | 0.731 | 2.89  |      |
| 38)   | 1-Methylnaphth...     | 0.700          | 0.714 | 0.737 | 0.731 | 0.712 | 0.718 | 0.691 | 0.715 | 2.25  |      |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
 Method File : 8270E-BP041425.M

|       |                   |                |       |       |       |       |       |       |       |       |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac... | 0.522          | 0.538 | 0.568 | 0.576 | 0.544 | 0.549 | 0.552 | 0.550 | 3.33  |  |
| 41) P | Hexachlorocycl... | 0.162          | 0.185 | 0.197 | 0.218 | 0.199 | 0.197 | 0.204 | 0.195 | 8.92  |  |
| 42) S | 2,4,6-Tribromo... | 0.235          | 0.256 | 0.278 | 0.289 | 0.289 | 0.296 | 0.294 | 0.277 | 8.29  |  |
| 43) C | 2,4,6-Trichlor... | 0.301          | 0.335 | 0.369 | 0.389 | 0.386 | 0.390 | 0.390 | 0.366 | 9.51  |  |
| 44)   | 2,4,5-Trichlor... | 0.332          | 0.371 | 0.409 | 0.427 | 0.429 | 0.436 | 0.430 | 0.405 | 9.62  |  |
| 45) S | 2-Fluorobiphenyl  | 1.332          | 1.334 | 1.359 | 1.366 | 1.263 | 1.251 | 1.240 | 1.306 | 4.08  |  |
| 46)   | 1,1'-Biphenyl     | 1.454          | 1.489 | 1.528 | 1.529 | 1.434 | 1.428 | 1.429 | 1.470 | 3.07  |  |
| 47)   | 2-Chloronaphth... | 1.063          | 1.100 | 1.135 | 1.139 | 1.085 | 1.090 | 1.078 | 1.099 | 2.60  |  |
| 48)   | 2-Nitroaniline    | 0.250          | 0.270 | 0.317 | 0.330 | 0.324 | 0.335 | 0.331 | 0.308 | 10.98 |  |
| 49)   | Acenaphthylene    | 1.604          | 1.680 | 1.793 | 1.814 | 1.726 | 1.763 | 1.730 | 1.730 | 4.11  |  |
| 50)   | Dimethylphthalate | 1.429          | 1.416 | 1.495 | 1.495 | 1.460 | 1.460 | 1.426 | 1.454 | 2.22  |  |
| 51)   | 2,6-Dinitrotol... | 0.264          | 0.290 | 0.319 | 0.325 | 0.319 | 0.328 | 0.317 | 0.309 | 7.58  |  |
| 52) C | Acenaphthene      | 1.087          | 1.087 | 1.141 | 1.126 | 1.081 | 1.079 | 1.076 | 1.097 | 2.35  |  |
| 53)   | 3-Nitroaniline    | 0.250          | 0.289 | 0.338 | 0.354 | 0.342 | 0.340 | 0.358 | 0.325 | 12.25 |  |
| 54) P | 2,4-Dinitrophenol |                | 0.125 | 0.163 | 0.186 | 0.196 | 0.210 | 0.211 | 0.182 | 18.22 |  |
| 55)   | Dibenzofuran      | 1.801          | 1.807 | 1.871 | 1.833 | 1.746 | 1.768 | 1.723 | 1.793 | 2.84  |  |
| 56) P | 4-Nitrophenol     | 0.190          | 0.231 | 0.289 | 0.305 | 0.306 | 0.323 | 0.317 | 0.280 | 17.90 |  |
| 57)   | 2,4-Dinitrotol... | 0.334          | 0.368 | 0.439 | 0.448 | 0.442 | 0.463 | 0.456 | 0.421 | 11.82 |  |
| 58)   | Fluorene          | 1.376          | 1.397 | 1.454 | 1.398 | 1.368 | 1.366 | 1.356 | 1.388 | 2.40  |  |
| 59)   | 2,3,4,6-Tetrac... | 0.327          | 0.351 | 0.380 | 0.389 | 0.387 | 0.390 | 0.389 | 0.373 | 6.57  |  |
| 60)   | Diethylphthalate  | 1.451          | 1.484 | 1.528 | 1.550 | 1.499 | 1.499 | 1.481 | 1.499 | 2.16  |  |
| 61)   | 4-Chlorophenyl... | 0.667          | 0.675 | 0.699 | 0.680 | 0.667 | 0.670 | 0.659 | 0.674 | 1.95  |  |
| 62)   | 4-Nitroaniline    | 0.263          | 0.300 | 0.353 | 0.369 | 0.364 | 0.380 | 0.376 | 0.344 | 12.99 |  |
| 63)   | Azobenzene        | 1.269          | 1.383 | 1.446 | 1.431 | 1.385 | 1.385 | 1.344 | 1.378 | 4.26  |  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-... |                | 0.095 | 0.118 | 0.131 | 0.134 | 0.140 | 0.138 | 0.126 | 13.50 |  |
| 66) c | n-Nitrosodiphe... | 0.567          | 0.585 | 0.616 | 0.630 | 0.591 | 0.608 | 0.580 | 0.597 | 3.71  |  |
| 67)   | 4-Bromophenyl-... | 0.203          | 0.212 | 0.220 | 0.230 | 0.220 | 0.225 | 0.222 | 0.219 | 4.11  |  |
| 68)   | Hexachlorobenzene | 0.247          | 0.247 | 0.260 | 0.271 | 0.261 | 0.269 | 0.263 | 0.260 | 3.67  |  |
| 69)   | Atrazine          | 0.176          | 0.167 | 0.134 | 0.121 | 0.162 |       |       | 0.152 | 15.57 |  |
| 70) C | Pentachlorophenol | 0.143          | 0.155 | 0.175 | 0.196 | 0.197 | 0.203 | 0.201 | 0.181 | 13.35 |  |
| 71)   | Phenanthrene      | 1.098          | 1.086 | 1.117 | 1.127 | 1.070 | 1.082 | 1.058 | 1.091 | 2.27  |  |
| 72)   | Anthracene        | 0.995          | 1.017 | 1.084 | 1.111 | 1.053 | 1.071 | 1.030 | 1.052 | 3.85  |  |
| 73)   | Carbazole         | 0.968          | 0.998 | 1.060 | 1.084 | 1.014 | 1.037 | 1.031 | 1.027 | 3.78  |  |
| 74)   | Di-n-butylphth... | 1.147          | 1.230 | 1.253 | 1.398 | 1.310 | 1.338 | 1.284 | 1.280 | 6.30  |  |
| 75) C | Fluoranthene      | 1.289          | 1.274 | 1.316 | 1.347 | 1.280 | 1.304 | 1.274 | 1.298 | 2.07  |  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine         | 0.144          | 0.141 | 0.109 | 0.436 | 0.333 | 0.302 | 0.307 | 0.254 | 48.39 |  |
| 78)   | Pyrene            | 1.192          | 1.236 | 1.345 | 1.305 | 1.294 | 1.305 | 1.219 | 1.271 | 4.38  |  |
| 79) S | Terphenyl-d14     | 0.967          | 0.998 | 1.055 | 1.032 | 1.005 | 0.964 | 0.926 | 0.992 | 4.42  |  |
| 80)   | Butylbenzylpht... | 0.434          | 0.488 | 0.546 | 0.596 | 0.580 | 0.593 | 0.574 | 0.544 | 11.25 |  |
| 81)   | Benzo(a)anthra... | 1.195          | 1.214 | 1.292 | 1.293 | 1.234 | 1.253 | 1.221 | 1.243 | 3.08  |  |
| 82)   | 3,3'-Dichlorob... | 0.345          | 0.383 | 0.431 | 0.486 | 0.463 | 0.485 | 0.460 | 0.436 | 12.30 |  |
| 83)   | Chrysene          | 1.180          | 1.181 | 1.229 | 1.213 | 1.173 | 1.193 | 1.167 | 1.191 | 1.88  |  |
| 84)   | Bis(2-ethylhex... | 0.639          | 0.735 | 0.779 | 0.893 | 0.853 | 0.867 | 0.819 | 0.798 | 11.09 |  |
| 85) c | Di-n-octyl pht... | 0.945          | 1.093 | 1.222 | 1.461 | 1.430 | 1.486 | 1.446 | 1.297 | 16.46 |  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_P\Methods\  
Method File : 8270E-BP041425.M

|       |                   |                |       |       |       |       |       |       |       |      |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|--|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |  |
| 87)   | Indeno(1,2,3-c... | 1.252          | 1.304 | 1.407 | 1.444 | 1.401 | 1.445 | 1.466 | 1.388 | 5.77 |  |
| 88)   | Benzo(b)fluora... | 1.130          | 1.174 | 1.217 | 1.258 | 1.196 | 1.205 | 1.212 | 1.199 | 3.30 |  |
| 89)   | Benzo(k)fluora... | 1.088          | 1.131 | 1.217 | 1.212 | 1.154 | 1.166 | 1.138 | 1.158 | 3.94 |  |
| 90) C | Benzo(a)pyrene    | 0.939          | 0.971 | 1.057 | 1.091 | 1.053 | 1.070 | 1.058 | 1.034 | 5.44 |  |
| 91)   | Dibenzo(a,h)an... | 1.046          | 1.089 | 1.172 | 1.203 | 1.169 | 1.186 | 1.202 | 1.152 | 5.28 |  |
| 92)   | Benzo(g,h,i)pe... | 1.073          | 1.110 | 1.198 | 1.218 | 1.180 | 1.209 | 1.224 | 1.173 | 4.99 |  |

(#) = Out of Range

Method Path : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\  
 Method File : 8270-BM040825.M  
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 Last Update : Wed Apr 09 04:00:55 2025  
 Response Via : Initial Calibration

## Calibration Files

2.5 =BM049848.D 5 =BM049849.D 10 =BM049850.D 20 =BM049851.D 40 =BM049852.D 50 =BM049853.D 60 =BM049854.D 80 =BM049855.D

|       | Compound              | 2.5            | 5     | 10    | 20    | 40    | 50    | 60    | 80    | Avg   | %RSD  |
|-------|-----------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 1) I  | 1,4-Dichlorobenzen... | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 2)    | 1,4-Dioxane           |                | 0.497 | 0.470 | 0.501 | 0.488 | 0.486 | 0.471 | 0.483 | 0.485 | 2.47  |
| 3)    | Pyridine              |                | 1.262 | 1.220 | 1.322 | 1.287 | 1.276 | 1.278 | 1.276 | 1.274 | 2.40  |
| 4)    | n-Nitrosodimet...     |                | 0.478 | 0.461 | 0.496 | 0.489 | 0.484 | 0.500 | 0.488 | 0.485 | 2.67  |
| 5) S  | 2-Fluorophenol        |                | 1.145 | 1.144 | 1.213 | 1.191 | 1.165 | 1.210 | 1.177 | 1.178 | 2.40  |
| 6)    | Aniline               |                | 1.304 | 1.315 | 1.396 | 1.325 | 1.153 | 1.142 | 1.154 | 1.256 | 8.22  |
| 7) S  | Phenol-d6             |                | 1.391 | 1.392 | 1.523 | 1.491 | 1.433 | 1.543 | 1.485 | 1.465 | 4.15  |
| 8)    | 2-Chlorophenol        |                | 1.180 | 1.191 | 1.250 | 1.218 | 1.174 | 1.239 | 1.199 | 1.207 | 2.42  |
| 9)    | Benzaldehyde          |                | 0.873 | 0.830 | 0.838 | 0.750 | 0.712 | 0.701 | 0.561 | 0.752 | 14.25 |
| 10) C | Phenol                |                | 1.376 | 1.370 | 1.482 | 1.441 | 1.394 | 1.496 | 1.451 | 1.430 | 3.56  |
| 11)   | bis(2-Chloroet...     |                | 1.113 | 1.084 | 1.147 | 1.135 | 1.096 | 1.160 | 1.114 | 1.121 | 2.45  |
| 12)   | 1,3-Dichlorobe...     |                | 1.417 | 1.391 | 1.475 | 1.438 | 1.418 | 1.441 | 1.409 | 1.427 | 1.90  |
| 13) C | 1,4-Dichlorobe...     |                | 1.418 | 1.399 | 1.488 | 1.453 | 1.412 | 1.455 | 1.426 | 1.436 | 2.15  |
| 14)   | 1,2-Dichlorobe...     |                | 1.348 | 1.325 | 1.402 | 1.374 | 1.324 | 1.359 | 1.334 | 1.352 | 2.12  |
| 15)   | Benzyl Alcohol        |                | 0.852 | 0.857 | 0.950 | 0.953 | 0.904 | 0.993 | 0.951 | 0.923 | 5.79  |
| 16)   | 2,2'-oxybis(1-...     |                | 1.268 | 1.235 | 1.312 | 1.267 | 1.192 | 1.261 | 1.214 | 1.250 | 3.18  |
| 17)   | 2-Methylphenol        |                | 0.858 | 0.856 | 0.916 | 0.891 | 0.850 | 0.920 | 0.877 | 0.881 | 3.29  |
| 18)   | Hexachloroethane      |                | 0.505 | 0.494 | 0.520 | 0.504 | 0.486 | 0.501 | 0.488 | 0.500 | 2.32  |
| 19) P | n-Nitroso-di-n...     | 0.760          | 0.786 | 0.783 | 0.860 | 0.836 | 0.793 | 0.859 | 0.816 | 0.812 | 4.60  |
| 20)   | 3+4-Methylphenols     |                | 1.140 | 1.142 | 1.246 | 1.224 | 1.170 | 1.272 | 1.215 | 1.201 | 4.31  |
| 21) I | Naphthalene-d8        | -----ISTD----- |       |       |       |       |       |       |       |       |       |
| 22)   | Acetophenone          |                | 0.463 | 0.477 | 0.496 | 0.498 | 0.482 | 0.494 | 0.493 | 0.486 | 2.64  |
| 23) S | Nitrobenzene-d5       |                | 0.335 | 0.344 | 0.366 | 0.368 | 0.361 | 0.370 | 0.371 | 0.359 | 3.96  |
| 24)   | Nitrobenzene          |                | 0.329 | 0.329 | 0.354 | 0.356 | 0.345 | 0.353 | 0.354 | 0.346 | 3.49  |
| 25)   | Isophorone            |                | 0.569 | 0.568 | 0.613 | 0.616 | 0.598 | 0.628 | 0.620 | 0.602 | 4.05  |
| 26) C | 2-Nitrophenol         |                | 0.162 | 0.165 | 0.183 | 0.189 | 0.190 | 0.197 | 0.197 | 0.183 | 7.91  |
| 27)   | 2,4-Dimethylph...     |                | 0.185 | 0.194 | 0.208 | 0.213 | 0.212 | 0.221 | 0.221 | 0.208 | 6.48  |
| 28)   | bis(2-Chloroet...     |                | 0.386 | 0.386 | 0.411 | 0.410 | 0.399 | 0.415 | 0.412 | 0.403 | 3.08  |
| 29) C | 2,4-Dichloroph...     |                | 0.319 | 0.320 | 0.348 | 0.353 | 0.349 | 0.364 | 0.364 | 0.345 | 5.45  |
| 30)   | 1,2,4-Trichlor...     |                | 0.386 | 0.380 | 0.401 | 0.404 | 0.399 | 0.412 | 0.413 | 0.399 | 3.11  |
| 31)   | Naphthalene           |                | 1.004 | 0.990 | 1.045 | 1.042 | 1.019 | 1.050 | 1.045 | 1.028 | 2.32  |
| 32)   | Benzoic acid          |                |       | 0.109 | 0.175 | 0.230 | 0.240 | 0.283 | 0.283 | 0.220 | 30.63 |
| 33)   | 4-Chloroaniline       |                | 0.348 | 0.351 | 0.376 | 0.380 | 0.359 | 0.359 | 0.366 | 0.363 | 3.34  |
| 34) C | Hexachlorobuta...     |                | 0.238 | 0.236 | 0.245 | 0.249 | 0.249 | 0.255 | 0.258 | 0.247 | 3.33  |
| 35)   | Caprolactam           |                | 0.093 | 0.089 | 0.100 | 0.102 | 0.099 | 0.107 | 0.104 | 0.099 | 6.29  |
| 36) C | 4-Chloro-3-met...     |                | 0.277 | 0.276 | 0.305 | 0.309 | 0.303 | 0.326 | 0.321 | 0.302 | 6.41  |
| 37)   | 2-Methylnaphth...     |                | 0.683 | 0.685 | 0.729 | 0.734 | 0.721 | 0.762 | 0.755 | 0.724 | 4.23  |
| 38)   | 1-Methylnaphth...     |                | 0.680 | 0.659 | 0.711 | 0.713 | 0.703 | 0.739 | 0.732 | 0.705 | 3.97  |

Method Path : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\  
 Method File : 8270-BM040825.M

|       |                   |                |       |       |       |       |       |       |       |       |  |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| 39) I | Acenaphthene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 40)   | 1,2,4,5-Tetrac... | 0.664          | 0.662 | 0.697 | 0.706 | 0.711 | 0.721 | 0.737 | 0.700 | 4.02  |  |
| 41) P | Hexachlorocycl... | 0.214          | 0.223 | 0.247 | 0.264 | 0.260 | 0.258 | 0.251 | 0.245 | 7.86  |  |
| 42) S | 2,4,6-Tribromo... | 0.258          | 0.255 | 0.280 | 0.294 | 0.298 | 0.323 | 0.328 | 0.291 | 9.94  |  |
| 43) C | 2,4,6-Trichlor... | 0.417          | 0.420 | 0.444 | 0.459 | 0.449 | 0.459 | 0.468 | 0.445 | 4.46  |  |
| 44)   | 2,4,5-Trichlor... | 0.465          | 0.452 | 0.472 | 0.500 | 0.483 | 0.504 | 0.510 | 0.484 | 4.52  |  |
| 45) S | 2-Fluorobiphenyl  | 1.425          | 1.414 | 1.499 | 1.515 | 1.486 | 1.482 | 1.504 | 1.475 | 2.68  |  |
| 46)   | 1,1'-Biphenyl     | 1.451          | 1.429 | 1.514 | 1.528 | 1.480 | 1.490 | 1.515 | 1.487 | 2.45  |  |
| 47)   | 2-Chloronaphth... | 1.140          | 1.144 | 1.188 | 1.194 | 1.163 | 1.162 | 1.189 | 1.169 | 1.88  |  |
| 48)   | 2-Nitroaniline    | 0.232          | 0.242 | 0.272 | 0.283 | 0.281 | 0.286 | 0.295 | 0.270 | 8.83  |  |
| 49)   | Acenaphthylene    | 1.627          | 1.613 | 1.718 | 1.742 | 1.711 | 1.735 | 1.768 | 1.702 | 3.46  |  |
| 50)   | Dimethylphthalate | 1.366          | 1.331 | 1.430 | 1.438 | 1.411 | 1.446 | 1.455 | 1.411 | 3.27  |  |
| 51)   | 2,6-Dinitrotol... | 0.249          | 0.265 | 0.303 | 0.310 | 0.305 | 0.317 | 0.320 | 0.296 | 9.38  |  |
| 52) C | Acenaphthene      | 1.027          | 1.023 | 1.089 | 1.113 | 1.089 | 1.110 | 1.127 | 1.083 | 3.83  |  |
| 53)   | 3-Nitroaniline    | 0.236          | 0.253 | 0.290 | 0.310 | 0.295 | 0.295 | 0.321 | 0.286 | 10.64 |  |
| 54) P | 2,4-Dinitrophenol |                | 0.097 | 0.148 | 0.184 | 0.194 | 0.212 | 0.216 | 0.175 | 26.04 |  |
| 55)   | Dibenzofuran      | 1.737          | 1.709 | 1.821 | 1.845 | 1.815 | 1.862 | 1.879 | 1.810 | 3.52  |  |
| 56) P | 4-Nitrophenol     | 0.195          | 0.213 | 0.257 | 0.270 | 0.273 | 0.286 | 0.288 | 0.255 | 14.34 |  |
| 57)   | 2,4-Dinitrotol... | 0.309          | 0.333 | 0.395 | 0.421 | 0.420 | 0.440 | 0.443 | 0.394 | 13.45 |  |
| 58)   | Fluorene          | 1.354          | 1.335 | 1.450 | 1.481 | 1.456 | 1.489 | 1.505 | 1.439 | 4.67  |  |
| 59)   | 2,3,4,6-Tetrac... | 0.418          | 0.397 | 0.416 | 0.427 | 0.420 | 0.440 | 0.452 | 0.424 | 4.21  |  |
| 60)   | Diethylphthalate  | 1.311          | 1.270 | 1.378 | 1.390 | 1.347 | 1.378 | 1.397 | 1.353 | 3.46  |  |
| 61)   | 4-Chlorophenyl... | 0.699          | 0.694 | 0.761 | 0.789 | 0.791 | 0.830 | 0.836 | 0.771 | 7.43  |  |
| 62)   | 4-Nitroaniline    | 0.227          | 0.247 | 0.301 | 0.320 | 0.316 | 0.327 | 0.331 | 0.295 | 14.02 |  |
| 63)   | Azobenzene        | 1.077          | 1.085 | 1.185 | 1.202 | 1.167 | 1.192 | 1.200 | 1.158 | 4.67  |  |
| 64) I | Phenanthrene-d10  | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 65)   | 4,6-Dinitro-2-... |                | 0.094 | 0.119 | 0.132 | 0.133 | 0.138 | 0.140 | 0.126 | 13.60 |  |
| 66) c | n-Nitrosodiphe... | 0.561          | 0.578 | 0.606 | 0.619 | 0.602 | 0.610 | 0.614 | 0.599 | 3.54  |  |
| 67)   | 4-Bromophenyl-... | 0.212          | 0.212 | 0.227 | 0.239 | 0.237 | 0.247 | 0.252 | 0.232 | 6.83  |  |
| 68)   | Hexachlorobenzene | 0.249          | 0.250 | 0.262 | 0.273 | 0.268 | 0.279 | 0.284 | 0.266 | 5.08  |  |
| 69)   | Atrazine          | 0.186          | 0.177 | 0.142 | 0.130 | 0.142 |       |       | 0.155 | 15.89 |  |
| 70) C | Pentachlorophenol | 0.181          | 0.186 | 0.191 | 0.204 | 0.197 | 0.204 | 0.210 | 0.196 | 5.46  |  |
| 71)   | Phenanthrene      | 1.031          | 1.030 | 1.095 | 1.133 | 1.104 | 1.135 | 1.147 | 1.096 | 4.41  |  |
| 72)   | Anthracene        | 0.997          | 1.004 | 1.074 | 1.125 | 1.099 | 1.125 | 1.140 | 1.081 | 5.41  |  |
| 73)   | Carbazole         | 0.922          | 0.952 | 1.024 | 1.059 | 1.038 | 1.060 | 1.071 | 1.018 | 5.69  |  |
| 74)   | Di-n-butylphth... | 1.119          | 1.120 | 1.189 | 1.216 | 1.176 | 1.191 | 1.196 | 1.172 | 3.22  |  |
| 75) C | Fluoranthene      | 1.187          | 1.206 | 1.310 | 1.387 | 1.395 | 1.463 | 1.488 | 1.348 | 8.78  |  |
| 76) I | Chrysene-d12      | -----ISTD----- |       |       |       |       |       |       |       |       |  |
| 77)   | Benzidine         | 0.319          | 0.260 | 0.205 | 0.403 | 0.163 | 0.150 | 0.357 | 0.265 | 36.93 |  |
| 78)   | Pyrene            | 1.310          | 1.280 | 1.395 | 1.408 | 1.393 | 1.419 | 1.443 | 1.378 | 4.35  |  |
| 79) S | Terphenyl-d14     | 0.988          | 1.004 | 1.139 | 1.187 | 1.142 | 1.007 | 1.004 | 1.067 | 7.91  |  |
| 80)   | Butylbenzylpht... | 0.502          | 0.500 | 0.537 | 0.536 | 0.511 | 0.516 | 0.523 | 0.518 | 2.88  |  |
| 81)   | Benzo(a)anthra... | 1.237          | 1.226 | 1.335 | 1.362 | 1.345 | 1.391 | 1.408 | 1.329 | 5.38  |  |
| 82)   | 3,3'-Dichlorob... | 0.428          | 0.450 | 0.492 | 0.526 | 0.516 | 0.538 | 0.565 | 0.502 | 9.74  |  |
| 83)   | Chrysene          | 1.179          | 1.173 | 1.261 | 1.292 | 1.277 | 1.318 | 1.346 | 1.264 | 5.21  |  |
| 84)   | Bis(2-ethylhex... | 0.758          | 0.747 | 0.790 | 0.783 | 0.740 | 0.727 | 0.737 | 0.755 | 3.16  |  |
| 85) c | Di-n-octyl pht... | 1.291          | 1.287 | 1.366 | 1.362 | 1.307 | 1.311 | 1.316 | 1.320 | 2.42  |  |



Method Path : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\  
Method File : 8270-BM040825.M

|       |                   |                |       |       |       |       |       |       |       |      |
|-------|-------------------|----------------|-------|-------|-------|-------|-------|-------|-------|------|
| 86) I | Perylene-d12      | -----ISTD----- |       |       |       |       |       |       |       |      |
| 87)   | Indeno(1,2,3-c... | 1.375          | 1.368 | 1.480 | 1.507 | 1.523 | 1.577 | 1.606 | 1.491 | 6.16 |
| 88)   | Benzo(b)fluora... | 1.141          | 1.157 | 1.223 | 1.308 | 1.313 | 1.379 | 1.420 | 1.277 | 8.40 |
| 89)   | Benzo(k)fluora... | 1.132          | 1.122 | 1.209 | 1.242 | 1.263 | 1.336 | 1.362 | 1.238 | 7.46 |
| 90) C | Benzo(a)pyrene    | 1.011          | 1.026 | 1.096 | 1.130 | 1.154 | 1.209 | 1.230 | 1.122 | 7.50 |
| 91)   | Dibenzo(a,h)an... | 1.128          | 1.128 | 1.205 | 1.244 | 1.258 | 1.301 | 1.331 | 1.228 | 6.43 |
| 92)   | Benzo(g,h,i)pe... | 1.178          | 1.179 | 1.255 | 1.265 | 1.269 | 1.310 | 1.328 | 1.255 | 4.65 |

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG No.: Q1858

Instrument ID: BNA\_M Calibration Date/Time: 04/23/2025 10:38

Lab File ID: BM050007.D Init. Calib. Date(s): 04/08/2025 04/08/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 13:35 20:07

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                 | RRF   | RRF040 | MIN<br>RRF | %D   | MAX%D |
|--------------------------|-------|--------|------------|------|-------|
| 2-Fluorophenol           | 1.178 | 1.114  |            | -5.4 |       |
| Phenol-d6                | 1.465 | 1.377  |            | -6.0 |       |
| Nitrobenzene-d5          | 0.359 | 0.354  |            | -1.4 |       |
| Naphthalene              | 1.028 | 0.987  |            | -4.0 |       |
| 2-Fluorobiphenyl         | 1.475 | 1.485  |            | 0.7  |       |
| Fluorene                 | 1.439 | 1.386  |            | -3.7 |       |
| 2,4,6-Tribromophenol     | 0.291 | 0.283  |            | -2.7 |       |
| Phenanthrene             | 1.096 | 1.052  |            | -4.0 |       |
| Anthracene               | 1.081 | 1.051  |            | -2.8 |       |
| Pyrene                   | 1.378 | 1.424  |            | 3.3  |       |
| Terphenyl-d14            | 1.067 | 1.201  |            | 12.5 |       |
| Benzo (a) anthracene     | 1.329 | 1.296  |            | -2.5 |       |
| Chrysene                 | 1.264 | 1.209  |            | -4.4 |       |
| Benzo (b) fluoranthene   | 1.277 | 1.250  |            | -2.1 |       |
| Benzo (a) pyrene         | 1.122 | 1.069  |            | -4.7 | 20.0  |
| Indeno (1,2,3-cd) pyrene | 1.491 | 1.378  |            | -7.6 |       |
| Benzo (g,h,i) perylene   | 1.255 | 1.140  |            | -9.2 |       |

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG No.: Q1858

Instrument ID: BNA\_P Calibration Date/Time: 04/24/2025 11:50

Lab File ID: BP024407.D Init. Calib. Date(s): 04/14/2025 04/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:06 17:13

GC Column: ZB-GR ID: 0.25 (mm)

| COMPOUND                 | RRF   | RRF040 | MIN<br>RRF | %D    | MAX%D |
|--------------------------|-------|--------|------------|-------|-------|
| 2-Fluorophenol           | 1.210 | 1.166  |            | -3.6  |       |
| Phenol-d6                | 1.656 | 1.634  |            | -1.3  |       |
| Nitrobenzene-d5          | 0.351 | 0.345  |            | -1.7  |       |
| Naphthalene              | 1.054 | 1.023  |            | -2.9  |       |
| 2-Fluorobiphenyl         | 1.306 | 1.284  |            | -1.7  |       |
| Fluorene                 | 1.388 | 1.375  |            | -0.9  |       |
| 2,4,6-Tribromophenol     | 0.277 | 0.310  |            | 11.9  |       |
| Phenanthrene             | 1.091 | 1.052  |            | -3.6  |       |
| Anthracene               | 1.052 | 1.054  |            | 0.2   |       |
| Pyrene                   | 1.271 | 1.226  |            | -3.5  |       |
| Terphenyl-d14            | 0.992 | 0.979  |            | -1.3  |       |
| Benzo (a) anthracene     | 1.243 | 1.201  |            | -3.4  |       |
| Chrysene                 | 1.191 | 1.138  |            | -4.4  |       |
| Benzo (b) fluoranthene   | 1.199 | 1.201  |            | 0.2   |       |
| Benzo (a) pyrene         | 1.034 | 1.017  |            | -1.6  | 20.0  |
| Indeno (1,2,3-cd) pyrene | 1.388 | 1.197  |            | -13.8 |       |
| Benzo (g,h,i) perylene   | 1.173 | 0.988  |            | -15.8 |       |

All other compounds must meet a minimum RRF of 0.010.

## LAB CHRONICLE

|                 |              |                   |                      |
|-----------------|--------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1858        | <b>OrderDate:</b> | 4/22/2025 2:54:00 PM |
| <b>Client:</b>  | Kleinfelder  | <b>Project:</b>   | Henry Lea School     |
| <b>Contact:</b> | Mark Warchol | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID    | ClientID | Matrix | Test             | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|------------------|--------|-------------|-----------|-----------|----------|
| Q1858-01 | COMP-1   | SOIL   |                  |        | 04/21/25    |           |           | 04/22/25 |
|          |          |        | PCB Group1       | 8082A  |             | 04/23/25  | 04/23/25  |          |
|          |          |        | PESTICIDE Group1 | 8081B  |             | 04/23/25  | 04/28/25  |          |
| Q1858-02 | COMP-2   | SOIL   |                  |        | 04/21/25    |           |           | 04/22/25 |
|          |          |        | PCB Group1       | 8082A  |             | 04/23/25  | 04/23/25  |          |
|          |          |        | PESTICIDE Group1 | 8081B  |             | 04/23/25  | 04/28/25  |          |
| Q1858-03 | COMP-3   | SOIL   |                  |        | 04/21/25    |           |           | 04/22/25 |
|          |          |        | PCB Group1       | 8082A  |             | 04/23/25  | 04/23/25  |          |
|          |          |        | PESTICIDE Group1 | 8081B  |             | 04/23/25  | 04/28/25  |          |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1858

**Order ID:** Q1858

**Client:** Kleinfelder

**Project ID:** Henry Lea School

| Sample ID                 | Client ID | Matrix | Parameter                   | Concentration | C  | MDL  | RDL  | Units |
|---------------------------|-----------|--------|-----------------------------|---------------|----|------|------|-------|
| <b>Client ID : COMP-1</b> |           |        |                             |               |    |      |      |       |
| Q1858-01                  | COMP-1    | SOIL   | Dieldrin                    | 0.36          | J  | 0.17 | 2.00 | ug/kg |
|                           |           |        | <b>Total Concentration:</b> | <b>0.360</b>  |    |      |      |       |
| <b>Client ID : COMP-2</b> |           |        |                             |               |    |      |      |       |
| Q1858-02                  | COMP-2    | SOIL   | Dieldrin                    | 0.60          | JP | 0.17 | 2.10 | ug/kg |
|                           |           |        | <b>Total Concentration:</b> | <b>0.600</b>  |    |      |      |       |
| <b>Client ID : COMP-3</b> |           |        |                             |               |    |      |      |       |
| Q1858-03                  | COMP-3    | SOIL   | 4,4-DDT                     | 1.20          | J  | 0.15 | 1.90 | ug/kg |
|                           |           |        | <b>Total Concentration:</b> | <b>1.200</b>  |    |      |      |       |



# SAMPLE DATA

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25         |
| Project:           | Henry Lea School | Date Received:     | 04/22/25         |
| Client Sample ID:  | COMP-1           | SDG No.:           | Q1858            |
| Lab Sample ID:     | Q1858-01         | Matrix:            | SOIL             |
| Analytical Method: | SW8081           | % Solid:           | 83.9             |
| Sample Wt/Vol:     | 30.04            | Units:             | g                |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | SW3541B          | Injection Volume : |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD088291.D        | 1         | 04/23/25 08:35 | 04/28/25 10:05 | PB167709      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 0.14  | U         | 0.14     | 2.00       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.36  | J         | 0.17     | 2.00       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.18  | U         | 0.18     | 2.00       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17     | 2.00       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 17.4  |           | 20 - 144 | 87%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.0  |           | 19 - 148 | 95%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25         |
| Project:           | Henry Lea School | Date Received:     | 04/22/25         |
| Client Sample ID:  | COMP-2           | SDG No.:           | Q1858            |
| Lab Sample ID:     | Q1858-02         | Matrix:            | SOIL             |
| Analytical Method: | SW8081           | % Solid:           | 81.3             |
| Sample Wt/Vol:     | 30.05            | Units:             | g                |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | SW3541B          | Injection Volume : |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD088292.D        | 1         | 04/23/25 08:35 | 04/28/25 10:18 | PB167709      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 0.15  | U         | 0.15     | 2.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.60  | JP        | 0.17     | 2.10       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.18  | U         | 0.18     | 2.10       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.17  | U         | 0.17     | 2.10       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 19.5  |           | 20 - 144 | 98%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 20.3  |           | 19 - 148 | 101%       | SPK: 20           |

### Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25         |
| Project:           | Henry Lea School | Date Received:     | 04/22/25         |
| Client Sample ID:  | COMP-3           | SDG No.:           | Q1858            |
| Lab Sample ID:     | Q1858-03         | Matrix:            | SOIL             |
| Analytical Method: | SW8081           | % Solid:           | 91.1             |
| Sample Wt/Vol:     | 30.09            | Units:             | g                |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | SW3541B          | Injection Volume : |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD088295.D        | 1         | 04/23/25 08:35 | 04/28/25 10:59 | PB167709      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 0.13  | U         | 0.13     | 1.90       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.15  | U         | 0.15     | 1.90       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.16  | U         | 0.16     | 1.90       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 1.20  | J         | 0.15     | 1.90       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 15.2  |           | 20 - 144 | 76%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 17.8  |           | 19 - 148 | 89%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# QC SUMMARY

### Surrogate Summary

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PD088121.D | PIBLK-PD088121.D | Decachlorobiphenyl   | 1      | 20    | 22.9   | 115 |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.1   | 101 |      | 77     | 126  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 22.7   | 113 |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.9   | 104 |      | 77     | 126  |
| I.BLK-PD088231.D | PIBLK-PD088231.D | Decachlorobiphenyl   | 1      | 20    | 18.4   | 92  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 19.0   | 95  |      | 77     | 126  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.7   | 88  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.9   | 94  |      | 77     | 126  |
| PB167709BL       | PB167709BL       | Decachlorobiphenyl   | 1      | 20    | 18.3   | 92  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.9   | 89  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.0   | 85  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.5   | 92  |      | 19     | 148  |
| PB167709BS       | PB167709BS       | Decachlorobiphenyl   | 1      | 20    | 19.8   | 99  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.8   | 94  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.8   | 94  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.1   | 96  |      | 19     | 148  |
| I.BLK-PD088246.D | PIBLK-PD088246.D | Decachlorobiphenyl   | 1      | 20    | 17.9   | 89  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.9   | 94  |      | 77     | 126  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 17.1   | 85  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.6   | 93  |      | 77     | 126  |
| I.BLK-PD088288.D | PIBLK-PD088288.D | Decachlorobiphenyl   | 1      | 20    | 18.0   | 90  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 17.5   | 88  |      | 77     | 126  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.4   | 82  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.2   | 86  |      | 77     | 126  |
| Q1858-01         | COMP-1           | Decachlorobiphenyl   | 1      | 20    | 17.4   | 87  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 19.0   | 95  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 15.0   | 75  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.5   | 92  |      | 19     | 148  |
| Q1858-02         | COMP-2           | Decachlorobiphenyl   | 1      | 20    | 19.5   | 98  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 20.3   | 101 |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 15.0   | 75  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 19.5   | 98  |      | 19     | 148  |
| Q1858-02MS       | COMP-2MS         | Decachlorobiphenyl   | 1      | 20    | 15.0   | 75  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 16.8   | 84  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 13.0   | 65  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.9   | 85  |      | 19     | 148  |
| Q1858-02MSD      | COMP-2MSD        | Decachlorobiphenyl   | 1      | 20    | 15.2   | 76  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 16.8   | 84  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 12.6   | 63  |      | 20     | 144  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.0   | 85  |      | 19     | 148  |
| Q1858-03         | COMP-3           | Decachlorobiphenyl   | 1      | 20    | 15.2   | 76  |      | 20     | 144  |

### Surrogate Summary

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| Q1858-03         | COMP-3           | Tetrachloro-m-xylene | 1      | 20    | 17.7   | 89  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 11.3   | 56  |      | 20     | 144  |
| I.BLK-PD088302.D | PIBLK-PD088302.D | Tetrachloro-m-xylene | 2      | 20    | 17.8   | 89  |      | 19     | 148  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 17.6   | 88  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 1      | 20    | 18.1   | 91  |      | 77     | 126  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 12.7   | 63  |      | 43     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.7   | 89  |      | 77     | 126  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B

DataFile : PD088293.D

| Lab Sample ID:    | Parameter | Spike | Sample<br>Result | Result | Units | Rec<br>Qual | RPD<br>Qual | Low | Limits<br>High | RPD |
|-------------------|-----------|-------|------------------|--------|-------|-------------|-------------|-----|----------------|-----|
| Client Sample ID: | COMP-2MS  |       |                  |        |       |             |             |     |                |     |
| Q1858-02MS        | Aldrin    | 20.49 | 0                | 18.0   | ug/kg | 88          |             | 49  | 139            |     |
|                   | Dieldrin  | 20.49 | 0.60             | 18.1   | ug/kg | 85          |             | 47  | 161            |     |
|                   | 4,4'-DDE  | 20.49 | 0                | 16.1   | ug/kg | 79          |             | 55  | 136            |     |
|                   | 4,4'-DDD  | 20.49 | 0                | 17.7   | ug/kg | 86          |             | 47  | 163            |     |
|                   | 4,4'-DDT  | 20.49 | 0                | 16.8   | ug/kg | 82          |             | 51  | 146            |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8081B

DataFile : PD088294.D

| Lab Sample ID:                   | Parameter | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------------|-----------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Client Sample ID:<br>Q1858-02MSD | COMP-2MSD |       |                  |        |       |     |             |     |             |     |                |     |
|                                  | Aldrin    | 20.48 | 0                | 17.9   | ug/kg | 87  |             | 1   |             | 49  | 139            | 20  |
|                                  | Dieldrin  | 20.48 | 0.60             | 18.0   | ug/kg | 85  |             | 0   |             | 47  | 161            | 20  |
|                                  | 4,4'-DDE  | 20.48 | 0                | 16.2   | ug/kg | 79  |             | 0   |             | 55  | 136            | 20  |
|                                  | 4,4'-DDD  | 20.48 | 0                | 17.4   | ug/kg | 85  |             | 1   |             | 47  | 163            | 20  |
|                                  | 4,4'-DDT  | 20.48 | 0                | 16.5   | ug/kg | 81  |             | 1   |             | 51  | 146            | 20  |

**Laboratory Control Sample/Laboratory Control Sample Duplicate Summary**

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: **8081B** Datafile : PD088239.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |     |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|-----|
|               |           |       |        |       |     |     |      | Qual | Low | High   | RPD |
| PB167709BS    | Aldrin    | 16.66 | 16.4   | ug/kg | 98  |     |      |      | 82  | 124    |     |
|               | Dieldrin  | 16.66 | 16.6   | ug/kg | 100 |     |      |      | 85  | 121    |     |
|               | 4,4'-DDE  | 16.66 | 16.1   | ug/kg | 97  |     |      |      | 81  | 123    |     |
|               | 4,4'-DDD  | 16.66 | 16.7   | ug/kg | 100 |     |      |      | 80  | 131    |     |
|               | 4,4'-DDT  | 16.66 | 15.3   | ug/kg | 92  |     |      |      | 70  | 129    |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167709BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: Q1858

SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: PB167709BL

Lab File ID: PD088238.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/23/2025

Date Analyzed (1): 04/23/2025

Date Analyzed (2): 04/23/2025

Time Analyzed (1): 12:45

Time Analyzed (2): 12:45

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB167709BS        | PB167709BS       | PD088239.D     | 04/23/2025         | 04/23/2025         |
| COMP-1            | Q1858-01         | PD088291.D     | 04/28/2025         | 04/28/2025         |
| COMP-2            | Q1858-02         | PD088292.D     | 04/28/2025         | 04/28/2025         |
| COMP-2MS          | Q1858-02MS       | PD088293.D     | 04/28/2025         | 04/28/2025         |
| COMP-2MSD         | Q1858-02MSD      | PD088294.D     | 04/28/2025         | 04/28/2025         |
| COMP-3            | Q1858-03         | PD088295.D     | 04/28/2025         | 04/28/2025         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_





# QC SAMPLE DATA

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    |                  |
| Project:           | Henry Lea School | Date Received:     |                  |
| Client Sample ID:  | PB167709BL       | SDG No.:           | Q1858            |
| Lab Sample ID:     | PB167709BL       | Matrix:            | SOIL             |
| Analytical Method: | SW8081           | % Solid:           | 100              |
| Sample Wt/Vol:     | 30.02 Units: g   | Decanted:          |                  |
| Soil Aliquot Vol:  | uL               | Final Vol:         | 10000 uL         |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | Injection Volume : |                  |
| Prep Method :      | SW3541B          |                    |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD088238.D        | 1         | 04/23/25 08:35 | 04/23/25 12:45 | PB167709      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 0.12  | U         | 0.12     | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 0.15  | U         | 0.15     | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 0.14  | U         | 0.14     | 1.70       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 18.3  |           | 20 - 144 | 92%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 18.5  |           | 19 - 148 | 92%        | SPK: 20           |

### Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 P = Indicates >25% difference for detected concentrations between the two GC columns  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/18/25         |
| Project:           | Henry Lea School | Date Received:     | 04/18/25         |
| Client Sample ID:  | PIBLK-PD088121.D | SDG No.:           | Q1858            |
| Lab Sample ID:     | I.BLK-PD088121.D | Matrix:            | WATER            |
| Analytical Method: | SW8081           | % Solid:           | 0                |
| Sample Wt/Vol:     | 1000             | Units:             | mL               |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | 3510C            | Injection Volume : |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD088121.D        | 1         |           | 04/18/25      | PD041825      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 22.9   |           | 43 - 140 | 115%       | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 20.9   |           | 77 - 126 | 104%       | SPK: 20 |

### Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/23/25         |
| Project:           | Henry Lea School | Date Received:     | 04/23/25         |
| Client Sample ID:  | PIBLK-PD088231.D | SDG No.:           | Q1858            |
| Lab Sample ID:     | I.BLK-PD088231.D | Matrix:            | WATER            |
| Analytical Method: | SW8081           | % Solid:           | 0                |
| Sample Wt/Vol:     | 1000             | Units:             | mL               |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | 3510C            | Injection Volume : |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD088231.D        | 1         |           | 04/23/25      | pd042325      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 18.4   |           | 43 - 140 | 92%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 19.0   |           | 77 - 126 | 95%        | SPK: 20 |

### Comments:

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 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/23/25         |
| Project:           | Henry Lea School | Date Received:     | 04/23/25         |
| Client Sample ID:  | PIBLK-PD088246.D | SDG No.:           | Q1858            |
| Lab Sample ID:     | I.BLK-PD088246.D | Matrix:            | WATER            |
| Analytical Method: | SW8081           | % Solid:           | 0                |
| Sample Wt/Vol:     | 1000             | Units:             | mL               |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | 3510C            | Injection Volume : |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD088246.D        | 1         |           | 04/23/25      | pd042325      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 17.9   |           | 43 - 140 | 89%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 18.9   |           | 77 - 126 | 94%        | SPK: 20 |

### Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/28/25         |
| Project:           | Henry Lea School | Date Received:     | 04/28/25         |
| Client Sample ID:  | PIBLK-PD088288.D | SDG No.:           | Q1858            |
| Lab Sample ID:     | I.BLK-PD088288.D | Matrix:            | WATER            |
| Analytical Method: | SW8081           | % Solid:           | 0                |
| Sample Wt/Vol:     | 1000             | Units:             | mL               |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | 3510C            | Injection Volume : |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD088288.D        | 1         |           | 04/28/25      | pd042825      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 18.0   |           | 43 - 140 | 90%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 17.5   |           | 77 - 126 | 88%        | SPK: 20 |

### Comments:

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/28/25         |
| Project:           | Henry Lea School | Date Received:     | 04/28/25         |
| Client Sample ID:  | PIBLK-PD088302.D | SDG No.:           | Q1858            |
| Lab Sample ID:     | I.BLK-PD088302.D | Matrix:            | WATER            |
| Analytical Method: | SW8081           | % Solid:           | 0                |
| Sample Wt/Vol:     | 1000             | Units:             | mL               |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | 3510C            | Injection Volume : |                  |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PD088302.D        | 1         |           | 04/28/25      | pd042825      |

| CAS Number        | Parameter            | Conc.  | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|--------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |        |           |          |            |         |
| 309-00-2          | Aldrin               | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 60-57-1           | Dieldrin             | 0.0036 | U         | 0.0036   | 0.050      | ug/L    |
| 72-55-9           | 4,4-DDE              | 0.0037 | U         | 0.0037   | 0.050      | ug/L    |
| 72-54-8           | 4,4-DDD              | 0.0071 | U         | 0.0071   | 0.050      | ug/L    |
| 50-29-3           | 4,4-DDT              | 0.0035 | U         | 0.0035   | 0.050      | ug/L    |
| <b>SURROGATES</b> |                      |        |           |          |            |         |
| 2051-24-3         | Decachlorobiphenyl   | 17.6   |           | 43 - 140 | 88%        | SPK: 20 |
| 877-09-8          | Tetrachloro-m-xylene | 18.1   |           | 77 - 126 | 91%        | SPK: 20 |

### Comments:

U = Not Detected

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    |                  |
| Project:           | Henry Lea School | Date Received:     |                  |
| Client Sample ID:  | PB167709BS       | SDG No.:           | Q1858            |
| Lab Sample ID:     | PB167709BS       | Matrix:            | SOIL             |
| Analytical Method: | SW8081           | % Solid:           | 100              |
| Sample Wt/Vol:     | 30.01            | Units:             | g                |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | SW3541B          | Injection Volume : |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD088239.D        | 1         | 04/23/25 08:35 | 04/23/25 12:59 | PB167709      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 16.4  |           | 0.12     | 1.70       | ug/kg             |
| 60-57-1           | Dieldrin             | 16.6  |           | 0.14     | 1.70       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 16.1  |           | 0.14     | 1.70       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 16.7  |           | 0.15     | 1.70       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 15.3  |           | 0.14     | 1.70       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 19.8  |           | 20 - 144 | 99%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 19.1  |           | 19 - 148 | 96%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

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Q = indicates LCS control criteria did not meet requirements

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() = Laboratory InHouse Limit



## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25         |
| Project:           | Henry Lea School | Date Received:     | 04/22/25         |
| Client Sample ID:  | COMP-2MS         | SDG No.:           | Q1858            |
| Lab Sample ID:     | Q1858-02MS       | Matrix:            | SOIL             |
| Analytical Method: | SW8081           | % Solid:           | 81.3             |
| Sample Wt/Vol:     | 30.01            | Units:             | g                |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | SW3541B          | Injection Volume : |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD088293.D        | 1         | 04/23/25 08:35 | 04/28/25 10:32 | PB167709      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 18.0  |           | 0.15     | 2.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 18.1  |           | 0.17     | 2.10       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 16.1  |           | 0.17     | 2.10       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 17.7  |           | 0.18     | 2.10       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 16.8  |           | 0.17     | 2.10       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 15.0  |           | 20 - 144 | 75%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 16.9  |           | 19 - 148 | 85%        | SPK: 20           |

### Comments:

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N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |                  |
|--------------------|------------------|--------------------|------------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25         |
| Project:           | Henry Lea School | Date Received:     | 04/22/25         |
| Client Sample ID:  | COMP-2MSD        | SDG No.:           | Q1858            |
| Lab Sample ID:     | Q1858-02MSD      | Matrix:            | SOIL             |
| Analytical Method: | SW8081           | % Solid:           | 81.3             |
| Sample Wt/Vol:     | 30.03            | Units:             | g                |
| Soil Aliquot Vol:  |                  |                    | uL               |
| Extraction Type:   |                  | Test:              | PESTICIDE Group1 |
| GPC Factor :       | 1.0              | PH :               |                  |
| Prep Method :      | SW3541B          | Injection Volume : |                  |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PD088294.D        | 1         | 04/23/25 08:35 | 04/28/25 10:45 | PB167709      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 309-00-2          | Aldrin               | 17.9  |           | 0.15     | 2.10       | ug/kg             |
| 60-57-1           | Dieldrin             | 18.0  |           | 0.17     | 2.10       | ug/kg             |
| 72-55-9           | 4,4-DDE              | 16.2  |           | 0.17     | 2.10       | ug/kg             |
| 72-54-8           | 4,4-DDD              | 17.4  |           | 0.18     | 2.10       | ug/kg             |
| 50-29-3           | 4,4-DDT              | 16.5  |           | 0.17     | 2.10       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 2051-24-3         | Decachlorobiphenyl   | 15.2  |           | 20 - 144 | 76%        | SPK: 20           |
| 877-09-8          | Tetrachloro-m-xylene | 17.0  |           | 19 - 148 | 85%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



# CALIBRATION SUMMARY

A  
B  
C  
D  
E  
F  
G  
H

GC Column: ZB-MR1 ID: 0.32 (mm)

[illegible]

# RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Instrument ID: ECD\_D Calibration Date(s): 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

| COMPOUND             | RT 100 | RT 075 | RT 050 | RT 025 | RT 005 | MEAN<br>RT | RT WINDOW |      |
|----------------------|--------|--------|--------|--------|--------|------------|-----------|------|
|                      |        |        |        |        |        |            | FROM      | TO   |
| 4,4'-DDD             | 5.95   | 5.93   | 5.93   | 5.93   | 5.93   | 5.94       | 5.84      | 6.04 |
| 4,4'-DDE             | 5.40   | 5.38   | 5.38   | 5.38   | 5.38   | 5.38       | 5.28      | 5.48 |
| 4,4'-DDT             | 6.20   | 6.19   | 6.19   | 6.19   | 6.19   | 6.19       | 6.09      | 6.29 |
| Aldrin               | 4.39   | 4.37   | 4.37   | 4.37   | 4.37   | 4.38       | 4.28      | 4.48 |
| Decachlorobiphenyl   | 8.09   | 8.08   | 8.08   | 8.08   | 8.08   | 8.08       | 7.98      | 8.18 |
| Dieldrin             | 5.53   | 5.52   | 5.52   | 5.52   | 5.52   | 5.52       | 5.42      | 5.62 |
| Tetrachloro-m-xylene | 2.90   | 2.88   | 2.88   | 2.88   | 2.88   | 2.89       | 2.79      | 2.99 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Instrument ID: ECD\_D

Calibration Date(s): 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

GC Column: ZB-MR1 ID: 0.32 (mm)

| LAB FILE ID:         |            | CF 100 =          | <u>PD088124.D</u> | CF 075 =          | <u>PD088125.D</u> |                   |       |
|----------------------|------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------|
| CF 050 =             |            | <u>PD088126.D</u> | CF 025 =          | <u>PD088127.D</u> | CF 005 =          | <u>PD088128.D</u> |       |
| COMPOUND             | CF 100     | CF 075            | CF 050            | CF 025            | CF 005            | CF                | % RSD |
| 4,4'-DDD             | 2657600000 | 2587000000        | 2495010000        | 2376000000        | 2459180000        | 2514960000        | 4     |
| 4,4'-DDE             | 3466910000 | 3527170000        | 3240150000        | 3071100000        | 3185920000        | 3298250000        | 6     |
| 4,4'-DDT             | 2923480000 | 2868140000        | 2755010000        | 2629860000        | 2711210000        | 2777540000        | 4     |
| Aldrin               | 4191470000 | 4069870000        | 3911790000        | 3719150000        | 3855640000        | 3949580000        | 5     |
| Decachlorobiphenyl   | 3080820000 | 3141130000        | 3178140000        | 3290360000        | 3850090000        | 3308110000        | 9     |
| Dieldrin             | 3750160000 | 3656120000        | 3530390000        | 3371440000        | 3534380000        | 3568500000        | 4     |
| Tetrachloro-m-xylene | 1982340000 | 2006790000        | 1938680000        | 1923660000        | 2135510000        | 1997400000        | 4     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** POWE02

**Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

**Instrument ID:** ECD\_D **Calibration Date(s):** 04/18/2025 04/18/2025  
**Calibration Times:** 13:56 14:51

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| LAB FILE ID:         |                   | CF 100 =    | <u>PD088124.D</u> | CF 075 =    | <u>PD088125.D</u> |             |          |
|----------------------|-------------------|-------------|-------------------|-------------|-------------------|-------------|----------|
| CF 050 =             | <u>PD088126.D</u> | CF 025 =    | <u>PD088127.D</u> | CF 005 =    | <u>PD088128.D</u> |             |          |
| COMPOUND             | CF 100            | CF 075      | CF 050            | CF 025      | CF 005            | CF          | %<br>RSD |
| 4,4'-DDD             | 15154700000       | 15403900000 | 15792200000       | 16361000000 | 19219200000       | 16386200000 | 10       |
| 4,4'-DDE             | 18345500000       | 18580000000 | 18872600000       | 19581800000 | 23090100000       | 19694000000 | 10       |
| 4,4'-DDT             | 16431600000       | 16496500000 | 16745700000       | 17063800000 | 18344900000       | 17016500000 | 5        |
| Aldrin               | 19439700000       | 19604700000 | 20000000000       | 20715500000 | 24254000000       | 20802800000 | 10       |
| Decachlorobiphenyl   | 16767000000       | 17098200000 | 17470300000       | 18387600000 | 22674800000       | 18479600000 | 13       |
| Dieldrin             | 18536800000       | 18713100000 | 19146400000       | 19886400000 | 23381600000       | 19932900000 | 10       |
| Tetrachloro-m-xylene | 13615300000       | 13685800000 | 14010800000       | 14551200000 | 17245000000       | 14621600000 | 10       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 09:55 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.09       | 9.08      | 8.98      | 9.18 | -0.01      |
| Tetrachloro-m-xylene | 3.56       | 3.55      | 3.45      | 3.65 | -0.01      |
| Aldrin               | 5.28       | 5.27      | 5.17      | 5.37 | -0.01      |
| Dieldrin             | 6.36       | 6.35      | 6.25      | 6.45 | -0.01      |
| 4,4'-DDE             | 6.21       | 6.20      | 6.10      | 6.30 | -0.01      |
| 4,4'-DDD             | 6.72       | 6.71      | 6.61      | 6.81 | -0.01      |
| 4,4'-DDT             | 7.03       | 7.02      | 6.92      | 7.12 | -0.01      |



### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 09:55 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.08       | 8.08      | 7.98      | 8.18 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Dieldrin             | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| 4,4'-DDE             | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| 4,4'-DDT             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL01 Date Analyzed: 04/23/2025

Lab Sample No.: PSTDCCC050 Data File : PD088233.D Time Analyzed: 09:55

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 6.715 | 6.606     | 6.806 | 52.650             | 50.000            | 5.3  |
| 4,4'-DDE             | 6.206 | 6.097     | 6.297 | 51.060             | 50.000            | 2.1  |
| 4,4'-DDT             | 7.031 | 6.922     | 7.122 | 47.170             | 50.000            | -5.7 |
| Aldrin               | 5.281 | 5.173     | 5.373 | 52.870             | 50.000            | 5.7  |
| Decachlorobiphenyl   | 9.085 | 8.975     | 9.175 | 45.570             | 50.000            | -8.9 |
| Dieldrin             | 6.357 | 6.249     | 6.449 | 52.670             | 50.000            | 5.3  |
| Tetrachloro-m-xylene | 3.558 | 3.452     | 3.652 | 51.590             | 50.000            | 3.2  |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL01 Date Analyzed: 04/23/2025

Lab Sample No.: PSTDCCC050 Data File : PD088233.D Time Analyzed: 09:55

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.934 | 5.834     | 6.034 | 47.660             | 50.000            | -4.7  |
| 4,4'-DDE             | 5.379 | 5.280     | 5.480 | 46.970             | 50.000            | -6.1  |
| 4,4'-DDT             | 6.188 | 6.088     | 6.288 | 43.900             | 50.000            | -12.2 |
| Aldrin               | 4.371 | 4.273     | 4.473 | 47.670             | 50.000            | -4.7  |
| Decachlorobiphenyl   | 8.077 | 7.977     | 8.177 | 42.400             | 50.000            | -15.2 |
| Dieldrin             | 5.516 | 5.417     | 5.617 | 47.120             | 50.000            | -5.8  |
| Tetrachloro-m-xylene | 2.881 | 2.783     | 2.983 | 47.500             | 50.000            | -5.0  |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 15:05 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| Decachlorobiphenyl   | 9.07       | 9.08      | 8.98                   | 9.18 | 0.01       |
| Tetrachloro-m-xylene | 3.55       | 3.55      | 3.45                   | 3.65 | 0.00       |
| Aldrin               | 5.27       | 5.27      | 5.17                   | 5.37 | 0.00       |
| Dieldrin             | 6.35       | 6.35      | 6.25                   | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10                   | 6.30 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.71      | 6.61                   | 6.81 | 0.00       |
| 4,4'-DDT             | 7.02       | 7.02      | 6.92                   | 7.12 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 15:05 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.08       | 8.08      | 7.98      | 8.18 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Dieldrin             | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| 4,4'-DDE             | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| 4,4'-DDT             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL02 Date Analyzed: 04/23/2025

Lab Sample No.: PSTDCCC050 Data File : PD088247.D Time Analyzed: 15:05

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 6.706 | 6.606     | 6.806 | 52.770             | 50.000            | 5.5   |
| 4,4'-DDE             | 6.197 | 6.097     | 6.297 | 50.980             | 50.000            | 2.0   |
| 4,4'-DDT             | 7.022 | 6.922     | 7.122 | 43.090             | 50.000            | -13.8 |
| Aldrin               | 5.273 | 5.173     | 5.373 | 53.250             | 50.000            | 6.5   |
| Decachlorobiphenyl   | 9.074 | 8.975     | 9.175 | 45.670             | 50.000            | -8.7  |
| Dieldrin             | 6.348 | 6.249     | 6.449 | 52.360             | 50.000            | 4.7   |
| Tetrachloro-m-xylene | 3.552 | 3.452     | 3.652 | 52.160             | 50.000            | 4.3   |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL02 Date Analyzed: 04/23/2025

Lab Sample No.: PSTDCCC050 Data File : PD088247.D Time Analyzed: 15:05

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.932 | 5.834     | 6.034 | 48.840             | 50.000            | -2.3  |
| 4,4'-DDE             | 5.379 | 5.280     | 5.480 | 47.620             | 50.000            | -4.8  |
| 4,4'-DDT             | 6.187 | 6.088     | 6.288 | 41.100             | 50.000            | -17.8 |
| Aldrin               | 4.372 | 4.273     | 4.473 | 48.470             | 50.000            | -3.1  |
| Decachlorobiphenyl   | 8.076 | 7.977     | 8.177 | 40.830             | 50.000            | -18.3 |
| Dieldrin             | 5.516 | 5.417     | 5.617 | 47.670             | 50.000            | -4.7  |
| Tetrachloro-m-xylene | 2.883 | 2.783     | 2.983 | 48.850             | 50.000            | -2.3  |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/28/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 09:46 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 9.08       | 9.08      | 8.98      | 9.18 | 0.00       |
| Tetrachloro-m-xylene | 3.56       | 3.55      | 3.45      | 3.65 | -0.01      |
| Aldrin               | 5.28       | 5.27      | 5.17      | 5.37 | -0.01      |
| Dieldrin             | 6.35       | 6.35      | 6.25      | 6.45 | 0.00       |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10      | 6.30 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.71      | 6.61      | 6.81 | 0.00       |
| 4,4'-DDT             | 7.03       | 7.02      | 6.92      | 7.12 | -0.01      |



### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/28/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 09:46 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.08       | 8.08      | 7.98      | 8.18 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Dieldrin             | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| 4,4'-DDE             | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| 4,4'-DDT             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL03 Date Analyzed: 04/28/2025

Lab Sample No.: PSTDCCC050 Data File : PD088290.D Time Analyzed: 09:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 6.711 | 6.606     | 6.806 | 50.200             | 50.000            | 0.4  |
| 4,4'-DDE             | 6.203 | 6.097     | 6.297 | 49.670             | 50.000            | -0.7 |
| 4,4'-DDT             | 7.027 | 6.922     | 7.122 | 49.970             | 50.000            | -0.1 |
| Aldrin               | 5.278 | 5.173     | 5.373 | 49.760             | 50.000            | -0.5 |
| Decachlorobiphenyl   | 9.079 | 8.975     | 9.175 | 45.380             | 50.000            | -9.2 |
| Dieldrin             | 6.353 | 6.249     | 6.449 | 50.890             | 50.000            | 1.8  |
| Tetrachloro-m-xylene | 3.556 | 3.452     | 3.652 | 48.690             | 50.000            | -2.6 |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL03 Date Analyzed: 04/28/2025

Lab Sample No.: PSTDCCC050 Data File : PD088290.D Time Analyzed: 09:46

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.932 | 5.834     | 6.034 | 44.700             | 50.000            | -10.6 |
| 4,4'-DDE             | 5.378 | 5.280     | 5.480 | 45.050             | 50.000            | -9.9  |
| 4,4'-DDT             | 6.187 | 6.088     | 6.288 | 45.420             | 50.000            | -9.2  |
| Aldrin               | 4.371 | 4.273     | 4.473 | 45.140             | 50.000            | -9.7  |
| Decachlorobiphenyl   | 8.076 | 7.977     | 8.177 | 40.250             | 50.000            | -19.5 |
| Dieldrin             | 5.516 | 5.417     | 5.617 | 45.200             | 50.000            | -9.6  |
| Tetrachloro-m-xylene | 2.880 | 2.783     | 2.983 | 44.950             | 50.000            | -10.1 |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/28/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 15:10 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW<br>FROM   TO |      | DIFF<br>RT |
|----------------------|------------|-----------|------------------------|------|------------|
| Decachlorobiphenyl   | 9.08       | 9.08      | 8.98                   | 9.18 | 0.00       |
| Tetrachloro-m-xylene | 3.56       | 3.55      | 3.45                   | 3.65 | -0.01      |
| Aldrin               | 5.28       | 5.27      | 5.17                   | 5.37 | -0.01      |
| Dieldrin             | 6.36       | 6.35      | 6.25                   | 6.45 | -0.01      |
| 4,4'-DDE             | 6.20       | 6.20      | 6.10                   | 6.30 | 0.00       |
| 4,4'-DDD             | 6.71       | 6.71      | 6.61                   | 6.81 | 0.00       |
| 4,4'-DDT             | 7.03       | 7.02      | 6.92                   | 7.12 | -0.01      |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/28/2025 Initial Calibration Date(s): 04/18/2025 04/18/2025

Continuing Calib Time: 15:10 Initial Calibration Time(s): 13:56 14:51

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|------------|-----------|-----------|------|------------|
|                      |            |           | FROM      | TO   |            |
| Decachlorobiphenyl   | 8.08       | 8.08      | 7.98      | 8.18 | 0.00       |
| Tetrachloro-m-xylene | 2.88       | 2.88      | 2.78      | 2.98 | 0.00       |
| Aldrin               | 4.37       | 4.37      | 4.27      | 4.47 | 0.00       |
| Dieldrin             | 5.52       | 5.52      | 5.42      | 5.62 | 0.00       |
| 4,4'-DDE             | 5.38       | 5.38      | 5.28      | 5.48 | 0.00       |
| 4,4'-DDD             | 5.93       | 5.93      | 5.83      | 6.03 | 0.00       |
| 4,4'-DDT             | 6.19       | 6.19      | 6.09      | 6.29 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL04 Date Analyzed: 04/28/2025

Lab Sample No.: PSTDCCC050 Data File : PD088303.D Time Analyzed: 15:10

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| 4,4'-DDD             | 6.714 | 6.606     | 6.806 | 52.640             | 50.000            | 5.3  |
| 4,4'-DDE             | 6.204 | 6.097     | 6.297 | 50.750             | 50.000            | 1.5  |
| 4,4'-DDT             | 7.030 | 6.922     | 7.122 | 46.560             | 50.000            | -6.9 |
| Aldrin               | 5.280 | 5.173     | 5.373 | 53.300             | 50.000            | 6.6  |
| Decachlorobiphenyl   | 9.083 | 8.975     | 9.175 | 45.920             | 50.000            | -8.2 |
| Dieldrin             | 6.356 | 6.249     | 6.449 | 52.730             | 50.000            | 5.5  |
| Tetrachloro-m-xylene | 3.558 | 3.452     | 3.652 | 51.300             | 50.000            | 2.6  |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No.: CCAL04 Date Analyzed: 04/28/2025

Lab Sample No.: PSTDCCC050 Data File : PD088303.D Time Analyzed: 15:10

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|-----------|-------|--------------------|-------------------|-------|
|                      |       | FROM      | TO    |                    |                   |       |
| 4,4'-DDD             | 5.933 | 5.834     | 6.034 | 47.040             | 50.000            | -5.9  |
| 4,4'-DDE             | 5.379 | 5.280     | 5.480 | 47.880             | 50.000            | -4.2  |
| 4,4'-DDT             | 6.188 | 6.088     | 6.288 | 43.610             | 50.000            | -12.8 |
| Aldrin               | 4.372 | 4.273     | 4.473 | 48.020             | 50.000            | -4.0  |
| Decachlorobiphenyl   | 8.077 | 7.977     | 8.177 | 40.440             | 50.000            | -19.1 |
| Dieldrin             | 5.517 | 5.417     | 5.617 | 47.610             | 50.000            | -4.8  |
| Tetrachloro-m-xylene | 2.881 | 2.783     | 2.983 | 47.960             | 50.000            | -4.1  |

**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: **POWE02**

Lab Code: **CHEM** Case No.: **Q1858** SAS No.: **Q1858** SDG NO.: **Q1858**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **04/18/2025** **04/18/2025**

Client Sample No. (PEM): **PEM - PD088122.D** Date Analyzed: **04/18/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **13:29**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 9.075 | 8.970     | 9.180 | 23.220     | 20.000     | 16.1 |
| Tetrachloro-m-xylene | 3.551 | 3.500     | 3.600 | 21.610     | 20.000     | 8.1  |
| alpha-BHC            | 4.000 | 3.950     | 4.050 | 9.950      | 10.000     | -0.5 |
| beta-BHC             | 4.516 | 4.470     | 4.570 | 11.360     | 10.000     | 13.6 |
| gamma-BHC (Lindane)  | 4.331 | 4.280     | 4.380 | 10.480     | 10.000     | 4.8  |
| Endrin               | 6.576 | 6.510     | 6.650 | 51.530     | 50.000     | 3.1  |
| 4,4'-DDT             | 7.023 | 6.950     | 7.090 | 110.510    | 100.000    | 10.5 |
| Methoxychlor         | 7.494 | 7.420     | 7.560 | 265.100    | 250.000    | 6.0  |

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **04/18/2025** **04/18/2025**

Client Sample No. (PEM): **PEM - PD088122.D** Date Analyzed: **04/18/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **13:29**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.076 | 7.980     | 8.180 | 22.950     | 20.000     | 14.8  |
| Tetrachloro-m-xylene | 2.883 | 2.830     | 2.930 | 22.200     | 20.000     | 11.0  |
| alpha-BHC            | 3.396 | 3.350     | 3.450 | 11.720     | 10.000     | 17.2  |
| beta-BHC             | 4.028 | 3.980     | 4.080 | 12.460     | 10.000     | 24.6  |
| gamma-BHC (Lindane)  | 3.732 | 3.680     | 3.780 | 11.580     | 10.000     | 15.8  |
| Endrin               | 5.793 | 5.720     | 5.860 | 49.780     | 50.000     | -0.4  |
| 4,4'-DDT             | 6.187 | 6.120     | 6.260 | 102.610    | 100.000    | 2.6   |
| Methoxychlor         | 6.758 | 6.690     | 6.830 | 215.580    | 250.000    | -13.8 |



**PESTICIDE CALIBRATION VERIFICATION SUMMARY**

Contract: **POWE02**

Lab Code: **CHEM** Case No.: **Q1858** SAS No.: **Q1858** SDG NO.: **Q1858**

GC Column: **ZB-MR1** ID: **0.32** (mm) Initi. Calib. Date(s): **04/18/2025** **04/18/2025**

Client Sample No. (PEM): **PEM - PD088232.D** Date Analyzed: **04/23/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:59**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 9.074 | 8.970     | 9.170 | 22.760     | 20.000     | 13.8 |
| Tetrachloro-m-xylene | 3.551 | 3.500     | 3.600 | 24.350     | 20.000     | 21.8 |
| alpha-BHC            | 4.000 | 3.950     | 4.050 | 11.070     | 10.000     | 10.7 |
| beta-BHC             | 4.516 | 4.470     | 4.570 | 12.490     | 10.000     | 24.9 |
| gamma-BHC (Lindane)  | 4.332 | 4.280     | 4.380 | 11.410     | 10.000     | 14.1 |
| Endrin               | 6.576 | 6.510     | 6.650 | 59.370     | 50.000     | 18.7 |
| 4,4'-DDT             | 7.022 | 6.950     | 7.090 | 110.860    | 100.000    | 10.9 |
| Methoxychlor         | 7.494 | 7.420     | 7.560 | 253.710    | 250.000    | 1.5  |

GC Column: **ZB-MR2** ID: **0.32** (mm) Initi. Calib. Date(s): **04/18/2025** **04/18/2025**

Client Sample No. (PEM): **PEM - PD088232.D** Date Analyzed: **04/23/2025**

Lab Sample No.(PEM): **PEM** Time Analyzed: **08:59**

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.076 | 7.980     | 8.180 | 21.870     | 20.000     | 9.4   |
| Tetrachloro-m-xylene | 2.882 | 2.830     | 2.930 | 23.960     | 20.000     | 19.8  |
| alpha-BHC            | 3.395 | 3.340     | 3.450 | 12.380     | 10.000     | 23.8  |
| beta-BHC             | 4.027 | 3.980     | 4.080 | 12.800     | 10.000     | 28.0  |
| gamma-BHC (Lindane)  | 3.732 | 3.680     | 3.780 | 12.290     | 10.000     | 22.9  |
| Endrin               | 5.792 | 5.720     | 5.860 | 53.740     | 50.000     | 7.5   |
| 4,4'-DDT             | 6.187 | 6.120     | 6.260 | 98.730     | 100.000    | -1.3  |
| Methoxychlor         | 6.757 | 6.690     | 6.830 | 195.720    | 250.000    | -21.7 |

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088289.D Date Analyzed: 04/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:23

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D   |
|----------------------|-------|-----------|-------|------------|------------|------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |      |
| Decachlorobiphenyl   | 9.072 | 8.970     | 9.170 | 20.880     | 20.000     | 4.4  |
| Tetrachloro-m-xylene | 3.550 | 3.500     | 3.600 | 21.380     | 20.000     | 6.9  |
| alpha-BHC            | 3.999 | 3.950     | 4.050 | 9.700      | 10.000     | -3.0 |
| beta-BHC             | 4.515 | 4.460     | 4.570 | 11.060     | 10.000     | 10.6 |
| gamma-BHC (Lindane)  | 4.330 | 4.280     | 4.380 | 10.210     | 10.000     | 2.1  |
| Endrin               | 6.574 | 6.500     | 6.640 | 54.780     | 50.000     | 9.6  |
| 4,4'-DDT             | 7.020 | 6.950     | 7.090 | 109.760    | 100.000    | 9.8  |
| Methoxychlor         | 7.492 | 7.420     | 7.560 | 252.030    | 250.000    | 0.8  |

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088289.D Date Analyzed: 04/28/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:23

| PEM COMPOUND         | RT    | RT WINDOW |       | CALC       | NOM        | %D    |
|----------------------|-------|-----------|-------|------------|------------|-------|
|                      |       | FROM      | TO    | AMOUNT(ng) | AMOUNT(ng) |       |
| Decachlorobiphenyl   | 8.074 | 7.970     | 8.170 | 19.160     | 20.000     | -4.2  |
| Tetrachloro-m-xylene | 2.882 | 2.830     | 2.930 | 20.760     | 20.000     | 3.8   |
| alpha-BHC            | 3.394 | 3.340     | 3.440 | 10.740     | 10.000     | 7.4   |
| beta-BHC             | 4.027 | 3.980     | 4.080 | 11.090     | 10.000     | 10.9  |
| gamma-BHC (Lindane)  | 3.731 | 3.680     | 3.780 | 10.700     | 10.000     | 7.0   |
| Endrin               | 5.791 | 5.720     | 5.860 | 48.470     | 50.000     | -3.1  |
| 4,4'-DDT             | 6.185 | 6.110     | 6.260 | 95.500     | 100.000    | -4.5  |
| Methoxychlor         | 6.757 | 6.690     | 6.830 | 191.000    | 250.000    | -23.6 |

## Analytical Sequence

|                           |                      |                                             |
|---------------------------|----------------------|---------------------------------------------|
| Client: Kleinfelder       | SDG No.: Q1858       |                                             |
| Project: Henry Lea School | Instrument ID: ECD_D |                                             |
| GC Column: ZB-MR1         | ID: 0.32 (mm)        | Inst. Calib. Date(s): 04/18/2025 04/18/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/18/2025       | 13:15            | PD088121.D | 9.07        | 3.55        |
| PEM               | PEM              | 04/18/2025       | 13:29            | PD088122.D | 9.08        | 3.55        |
| RESCHK            | RESCHK           | 04/18/2025       | 13:43            | PD088123.D | 9.08        | 3.55        |
| PSTDICCC100       | PSTDICCC100      | 04/18/2025       | 13:56            | PD088124.D | 9.08        | 3.55        |
| PSTDICCC075       | PSTDICCC075      | 04/18/2025       | 14:10            | PD088125.D | 9.07        | 3.55        |
| PSTDICCC050       | PSTDICCC050      | 04/18/2025       | 14:24            | PD088126.D | 9.08        | 3.55        |
| PSTDICCC025       | PSTDICCC025      | 04/18/2025       | 14:37            | PD088127.D | 9.08        | 3.55        |
| PSTDICCC005       | PSTDICCC005      | 04/18/2025       | 14:51            | PD088128.D | 9.08        | 3.55        |
| PCHLORICC500      | PCHLORICC500     | 04/18/2025       | 15:32            | PD088131.D | 9.07        | 3.55        |
| PTOXICC500        | PTOXICC500       | 04/18/2025       | 16:40            | PD088136.D | 9.07        | 3.55        |
| IBLK              | IBLK             | 04/23/2025       | 08:45            | PD088231.D | 9.08        | 3.55        |
| PEM               | PEM              | 04/23/2025       | 08:59            | PD088232.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 04/23/2025       | 09:55            | PD088233.D | 9.09        | 3.56        |
| PB167709BL        | PB167709BL       | 04/23/2025       | 12:45            | PD088238.D | 9.08        | 3.55        |
| PB167709BS        | PB167709BS       | 04/23/2025       | 12:59            | PD088239.D | 9.07        | 3.55        |
| IBLK              | IBLK             | 04/23/2025       | 14:51            | PD088246.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 04/23/2025       | 15:05            | PD088247.D | 9.07        | 3.55        |
| IBLK              | IBLK             | 04/28/2025       | 09:09            | PD088288.D | 9.07        | 3.55        |
| PEM               | PEM              | 04/28/2025       | 09:23            | PD088289.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 04/28/2025       | 09:46            | PD088290.D | 9.08        | 3.56        |
| COMP-1            | Q1858-01         | 04/28/2025       | 10:05            | PD088291.D | 9.08        | 3.55        |
| COMP-2            | Q1858-02         | 04/28/2025       | 10:18            | PD088292.D | 9.07        | 3.55        |
| COMP-2MS          | Q1858-02MS       | 04/28/2025       | 10:32            | PD088293.D | 9.07        | 3.55        |
| COMP-2MSD         | Q1858-02MSD      | 04/28/2025       | 10:45            | PD088294.D | 9.07        | 3.55        |
| COMP-3            | Q1858-03         | 04/28/2025       | 10:59            | PD088295.D | 9.07        | 3.55        |
| IBLK              | IBLK             | 04/28/2025       | 12:34            | PD088302.D | 9.07        | 3.55        |
| PSTDCCC050        | PSTDCCC050       | 04/28/2025       | 15:10            | PD088303.D | 9.08        | 3.56        |

## Analytical Sequence

|                           |                      |                                             |
|---------------------------|----------------------|---------------------------------------------|
| Client: Kleinfelder       | SDG No.: Q1858       |                                             |
| Project: Henry Lea School | Instrument ID: ECD_D |                                             |
| GC Column: ZB-MR2         | ID: 0.32 (mm)        | Inst. Calib. Date(s): 04/18/2025 04/18/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/18/2025       | 13:15            | PD088121.D | 8.08        | 2.88        |
| PEM               | PEM              | 04/18/2025       | 13:29            | PD088122.D | 8.08        | 2.88        |
| RESCHK            | RESCHK           | 04/18/2025       | 13:43            | PD088123.D | 8.08        | 2.88        |
| PSTDICCC100       | PSTDICCC100      | 04/18/2025       | 13:56            | PD088124.D | 8.09        | 2.90        |
| PSTDICCC075       | PSTDICCC075      | 04/18/2025       | 14:10            | PD088125.D | 8.08        | 2.88        |
| PSTDICCC050       | PSTDICCC050      | 04/18/2025       | 14:24            | PD088126.D | 8.08        | 2.88        |
| PSTDICCC025       | PSTDICCC025      | 04/18/2025       | 14:37            | PD088127.D | 8.08        | 2.88        |
| PSTDICCC005       | PSTDICCC005      | 04/18/2025       | 14:51            | PD088128.D | 8.08        | 2.88        |
| PCHLORICC500      | PCHLORICC500     | 04/18/2025       | 15:32            | PD088131.D | 8.08        | 2.88        |
| PTOXICC500        | PTOXICC500       | 04/18/2025       | 16:40            | PD088136.D | 8.08        | 2.88        |
| IBLK              | IBLK             | 04/23/2025       | 08:45            | PD088231.D | 8.08        | 2.88        |
| PEM               | PEM              | 04/23/2025       | 08:59            | PD088232.D | 8.08        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 04/23/2025       | 09:55            | PD088233.D | 8.08        | 2.88        |
| PB167709BL        | PB167709BL       | 04/23/2025       | 12:45            | PD088238.D | 8.08        | 2.88        |
| PB167709BS        | PB167709BS       | 04/23/2025       | 12:59            | PD088239.D | 8.08        | 2.88        |
| IBLK              | IBLK             | 04/23/2025       | 14:51            | PD088246.D | 8.08        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 04/23/2025       | 15:05            | PD088247.D | 8.08        | 2.88        |
| IBLK              | IBLK             | 04/28/2025       | 09:09            | PD088288.D | 8.08        | 2.88        |
| PEM               | PEM              | 04/28/2025       | 09:23            | PD088289.D | 8.07        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 04/28/2025       | 09:46            | PD088290.D | 8.08        | 2.88        |
| COMP-1            | Q1858-01         | 04/28/2025       | 10:05            | PD088291.D | 8.08        | 2.88        |
| COMP-2            | Q1858-02         | 04/28/2025       | 10:18            | PD088292.D | 8.07        | 2.88        |
| COMP-2MS          | Q1858-02MS       | 04/28/2025       | 10:32            | PD088293.D | 8.07        | 2.88        |
| COMP-2MSD         | Q1858-02MSD      | 04/28/2025       | 10:45            | PD088294.D | 8.07        | 2.88        |
| COMP-3            | Q1858-03         | 04/28/2025       | 10:59            | PD088295.D | 8.07        | 2.88        |
| IBLK              | IBLK             | 04/28/2025       | 12:34            | PD088302.D | 8.08        | 2.88        |
| PSTDCCC050        | PSTDCCC050       | 04/28/2025       | 15:10            | PD088303.D | 8.08        | 2.88        |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-1

Contract: POWE02

Lab Code: CHEM

Case No.: Q1858

SAS No.: Q1858

SDG NO.: Q1858

Lab Sample ID: Q1858-01

Date(s) Analyzed: 04/28/2025

04/28/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| Dieldrin | 1   | 6.35 | 6.30      | 6.40 | 0.31          | 16.7 |
|          | 2   | 5.51 | 5.46      | 5.56 | 0.36          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: Q1858-02 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD\_D Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| Dieldrin | 1   | 6.35 | 6.30      | 6.40 | 0.25          | 82.1 |
|          | 2   | 5.51 | 5.46      | 5.56 | 0.60          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2MS

Contract: POWE02

Lab Code: CHEM Case No.: Q1858

SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: Q1858-02MS

Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| 4,4'-DDD | 1   | 6.70 | 6.65      | 6.75 | 17.7          | 15.2 |
|          | 2   | 5.93 | 5.88      | 5.98 | 15.2          |      |
| 4,4'-DDT | 1   | 7.02 | 6.97      | 7.07 | 16.8          | 16.1 |
|          | 2   | 6.18 | 6.13      | 6.23 | 14.3          |      |
| Aldrin   | 1   | 5.27 | 5.22      | 5.32 | 18.0          | 8.1  |
|          | 2   | 4.37 | 4.32      | 4.42 | 16.6          |      |
| 4,4'-DDE | 1   | 6.20 | 6.15      | 6.25 | 16.1          | 0.6  |
|          | 2   | 5.38 | 5.33      | 5.43 | 16.0          |      |
| Dieldrin | 1   | 6.35 | 6.30      | 6.40 | 18.1          | 11.1 |
|          | 2   | 5.51 | 5.46      | 5.56 | 16.2          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-2MSD

Contract: POWE02

Lab Code: CHEM Case No.: Q1858

SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: Q1858-02MSD

Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| 4,4'-DDD | 1   | 6.70 | 6.65      | 6.75 | 17.4          | 14.2 |
|          | 2   | 5.93 | 5.88      | 5.98 | 15.1          |      |
| 4,4'-DDT | 1   | 7.02 | 6.97      | 7.07 | 16.5          | 10.9 |
|          | 2   | 6.18 | 6.13      | 6.23 | 14.8          |      |
| Aldrin   | 1   | 5.27 | 5.22      | 5.32 | 17.9          | 8.7  |
|          | 2   | 4.37 | 4.32      | 4.42 | 16.4          |      |
| 4,4'-DDE | 1   | 6.20 | 6.15      | 6.25 | 16.2          | 2.5  |
|          | 2   | 5.38 | 5.33      | 5.43 | 15.8          |      |
| Dieldrin | 1   | 6.35 | 6.30      | 6.40 | 18.0          | 12.4 |
|          | 2   | 5.51 | 5.46      | 5.56 | 15.9          |      |



### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

COMP-3

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: Q1858-03 Date(s) Analyzed: 04/28/2025 04/28/2025

Instrument ID (1): ECD\_D Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| 4,4'-DDT | 1   | 7.02 | 6.97      | 7.07 | 1.20          | 8.7  |
|          | 2   | 6.19 | 6.14      | 6.24 | 1.10          |      |

### COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167709BS

Contract: POWE02

Lab Code: CHEM Case No.: Q1858

SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: PB167709BS

Date(s) Analyzed: 04/23/2025 04/23/2025

Instrument ID (1): ECD\_D

Instrument ID (2): ECD\_D

GC Column: (1): ZB-MR1 ID: 0.32 (mm)

GC Column: (2): ZB-MR2 ID: 0.32 (mm)

| ANALYTE  | COL | RT   | RT WINDOW |      | CONCENTRATION | %RPD |
|----------|-----|------|-----------|------|---------------|------|
|          |     |      | FROM      | TO   |               |      |
| 4,4'-DDD | 1   | 6.71 | 6.66      | 6.76 | 16.7          | 7.5  |
|          | 2   | 5.93 | 5.88      | 5.98 | 15.5          |      |
| 4,4'-DDE | 1   | 6.20 | 6.15      | 6.25 | 16.1          | 6.4  |
|          | 2   | 5.38 | 5.33      | 5.43 | 15.1          |      |
| 4,4'-DDT | 1   | 7.02 | 6.97      | 7.07 | 15.3          | 7.5  |
|          | 2   | 6.19 | 6.14      | 6.24 | 14.2          |      |
| Aldrin   | 1   | 5.27 | 5.22      | 5.32 | 16.4          | 7.6  |
|          | 2   | 4.37 | 4.32      | 4.42 | 15.2          |      |
| Dieldrin | 1   | 6.35 | 6.30      | 6.40 | 16.6          | 8.8  |
|          | 2   | 5.52 | 5.47      | 5.57 | 15.2          |      |

## LAB CHRONICLE

|                 |              |                   |                      |
|-----------------|--------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1858        | <b>OrderDate:</b> | 4/22/2025 2:54:00 PM |
| <b>Client:</b>  | Kleinfelder  | <b>Project:</b>   | Henry Lea School     |
| <b>Contact:</b> | Mark Warchol | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID      | Matrix      | Test       | Method | Sample Date     | Prep Date | Anal Date | Received        |
|-----------------|---------------|-------------|------------|--------|-----------------|-----------|-----------|-----------------|
| <b>Q1858-01</b> | <b>COMP-1</b> | <b>SOIL</b> | PCB Group1 | 8082A  | <b>04/21/25</b> | 04/23/25  | 04/23/25  | <b>04/22/25</b> |
| <b>Q1858-02</b> | <b>COMP-2</b> | <b>SOIL</b> | PCB Group1 | 8082A  | <b>04/21/25</b> | 04/23/25  | 04/23/25  | <b>04/22/25</b> |
| <b>Q1858-03</b> | <b>COMP-3</b> | <b>SOIL</b> | PCB Group1 | 8082A  | <b>04/21/25</b> | 04/23/25  | 04/23/25  | <b>04/22/25</b> |



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Fax : 908 789 8922

Hit Summary Sheet  
SW-846

SDG No.:

Q1858

Order ID:

Q1858

Client:

Kleinfelder

Project ID:

Henry Lea School

| Sample ID   | Client ID | Matrix | Parameter | Concentration        | C     | MDL | RDL | Units |
|-------------|-----------|--------|-----------|----------------------|-------|-----|-----|-------|
| Client ID : |           |        |           | Total Concentration: | 0.000 |     |     |       |



# SAMPLE DATA

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25   |
| Project:           | Henry Lea School | Date Received:     | 04/22/25   |
| Client Sample ID:  | COMP-1           | SDG No.:           | Q1858      |
| Lab Sample ID:     | Q1858-01         | Matrix:            | SOIL       |
| Analytical Method: | SW8082A          | % Solid:           | 83.9       |
| Sample Wt/Vol:     | 30.04            | Units:             | g          |
| Soil Aliquot Vol:  |                  |                    | uL         |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | PH :               |            |
| Prep Method :      | SW3541B          | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110657.D        | 1         | 04/23/25 08:35 | 04/23/25 18:26 | PB167708      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.70  | U         | 4.70     | 20.2       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.80  | U         | 3.80     | 20.2       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.80  | U         | 3.80     | 20.2       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 22.0  |           | 32 - 144 | 110%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.6  |           | 32 - 175 | 98%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25   |
| Project:           | Henry Lea School | Date Received:     | 04/22/25   |
| Client Sample ID:  | COMP-2           | SDG No.:           | Q1858      |
| Lab Sample ID:     | Q1858-02         | Matrix:            | SOIL       |
| Analytical Method: | SW8082A          | % Solid:           | 81.3       |
| Sample Wt/Vol:     | 30.05            | Units:             | g          |
| Soil Aliquot Vol:  |                  |                    | uL         |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | PH :               |            |
| Prep Method :      | SW3541B          | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110658.D        | 1         | 04/23/25 08:35 | 04/23/25 18:44 | PB167708      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.90  | U         | 4.90     | 20.9       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.90  | U         | 3.90     | 20.9       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 4.00  | U         | 4.00     | 20.9       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 22.9  |           | 32 - 144 | 114%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.9  |           | 32 - 175 | 99%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/21/25   |
| Project:           | Henry Lea School | Date Received:     | 04/22/25   |
| Client Sample ID:  | COMP-3           | SDG No.:           | Q1858      |
| Lab Sample ID:     | Q1858-03         | Matrix:            | SOIL       |
| Analytical Method: | SW8082A          | % Solid:           | 91.1       |
| Sample Wt/Vol:     | 30.09            | Units:             | g          |
| Soil Aliquot Vol:  |                  |                    | uL         |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | PH :               |            |
| Prep Method :      | SW3541B          | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110659.D        | 1         | 04/23/25 08:35 | 04/23/25 19:02 | PB167708      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 4.30  | U         | 4.30     | 18.6       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.50  | U         | 3.50     | 18.6       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.50  | U         | 3.50     | 18.6       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 21.0  |           | 32 - 144 | 105%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 18.3  |           | 32 - 175 | 92%        | SPK: 20           |

### Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 P = Indicates >25% difference for detected concentrations between the two GC columns  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit





# QC SUMMARY

### Surrogate Summary

SDG No.: **Q1858**

Client: **Kleinfelder**

Analytical Method: **8082A**

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PO110348.D | PIBLK-PO110348.D | Tetrachloro-m-xylene | 1      | 20    | 18.1   | 91  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 19.2   | 96  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.2   | 91  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 20.2   | 101 |      | 60     | 140  |
| I.BLK-PO110642.D | PIBLK-PO110642.D | Tetrachloro-m-xylene | 1      | 20    | 16.4   | 82  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 15.2   | 76  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 15.6   | 78  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.2   | 81  |      | 60     | 140  |
| PB167708BL       | PB167708BL       | Tetrachloro-m-xylene | 1      | 20    | 20.3   | 102 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.5   | 92  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.9   | 94  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.3   | 97  |      | 32     | 175  |
| PB167708BS       | PB167708BS       | Tetrachloro-m-xylene | 1      | 20    | 19.4   | 97  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.8   | 94  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.9   | 90  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.3   | 96  |      | 32     | 175  |
| I.BLK-PO110656.D | PIBLK-PO110656.D | Tetrachloro-m-xylene | 1      | 20    | 16.9   | 85  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 15.8   | 79  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.1   | 80  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.4   | 82  |      | 60     | 140  |
| Q1858-01         | COMP-1           | Tetrachloro-m-xylene | 1      | 20    | 22.0   | 110 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.5   | 93  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.8   | 104 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.6   | 98  |      | 32     | 175  |
| Q1858-02         | COMP-2           | Tetrachloro-m-xylene | 1      | 20    | 22.9   | 114 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 18.7   | 93  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 21.6   | 108 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 19.9   | 99  |      | 32     | 175  |
| Q1858-03         | COMP-3           | Tetrachloro-m-xylene | 1      | 20    | 21.0   | 105 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 17.5   | 87  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 20.0   | 100 |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 18.3   | 92  |      | 32     | 175  |
| Q1859-01MS       | COMP-1MS         | Tetrachloro-m-xylene | 1      | 20    | 18.1   | 91  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 10.6   | 53  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 17.0   | 85  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 12.1   | 61  |      | 32     | 175  |
| Q1859-01MSD      | COMP-1MSD        | Tetrachloro-m-xylene | 1      | 20    | 19.5   | 97  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 1      | 20    | 12.6   | 63  |      | 32     | 175  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 18.3   | 91  |      | 32     | 144  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 14.2   | 71  |      | 32     | 175  |
| I.BLK-PO110671.D | PIBLK-PO110671.D | Tetrachloro-m-xylene | 1      | 20    | 17.3   | 87  |      | 60     | 140  |

**Surrogate Summary**

**SDG No.:** Q1858

**Client:** Kleinfelder

**Analytical Method:** 8082A

| Lab Sample ID    | Client ID        | Parameter            | Column | Spike | Result | Rec | Qual | Limits |      |
|------------------|------------------|----------------------|--------|-------|--------|-----|------|--------|------|
|                  |                  |                      |        |       |        |     |      | Low    | High |
| I.BLK-PO110671.D | PIBLK-PO110671.D | Decachlorobiphenyl   | 1      | 20    | 16.0   | 80  |      | 60     | 140  |
|                  |                  | Tetrachloro-m-xylene | 2      | 20    | 16.4   | 82  |      | 60     | 140  |
|                  |                  | Decachlorobiphenyl   | 2      | 20    | 16.7   | 83  |      | 60     | 140  |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8082A

DataFile : PO110661.D

| Lab Sample ID:                  | Parameter | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|---------------------------------|-----------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Client Sample ID:<br>Q1859-01MS | COMP-IMS  |       |                  |        |       |     |             |     |             |     |                |     |
|                                 | AR1016    | 209.2 | 0                | 178    | ug/kg | 85  |             |     |             | 55  | 146            |     |
|                                 | AR1260    | 209.2 | 0                | 144    | ug/kg | 69  |             |     |             | 31  | 146            |     |

### Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8082A

DataFile : PO110662.D

| Lab Sample ID:                   | Parameter | Spike | Sample<br>Result | Result | Units | Rec | Rec<br>Qual | RPD | RPD<br>Qual | Low | Limits<br>High | RPD |
|----------------------------------|-----------|-------|------------------|--------|-------|-----|-------------|-----|-------------|-----|----------------|-----|
| Client Sample ID:<br>Q1859-01MSD | COMP-1MSD |       |                  |        |       |     |             |     |             |     |                |     |
|                                  | AR1016    | 209   | 0                | 191    | ug/kg | 91  |             | 7   |             | 55  | 146            | 20  |
|                                  | AR1260    | 209   | 0                | 154    | ug/kg | 74  |             | 7   |             | 31  | 146            | 20  |



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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1858

Client: Kleinfelder

Analytical Method: 8082A Datafile : PO110645.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD  |     | Limits |  | RPD |
|---------------|-----------|-------|--------|-------|-----|-----|------|------|-----|--------|--|-----|
|               |           |       |        |       |     |     |      | Qual | Low | High   |  |     |
| PB167708BS    | AR1016    | 166.5 | 151    | ug/kg | 91  |     |      |      | 71  | 120    |  |     |
|               | AR1260    | 166.5 | 145    | ug/kg | 87  |     |      |      | 65  | 130    |  |     |

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167708BL

Lab Name: CHEMTECH

Contract: POWE02

Lab Code: CHEM Case No.: Q1858

SAS No.: Q1858 SDG NO.: Q1858

Lab Sample ID: PB167708BL

Lab File ID: PO110644.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 04/23/2025

Date Analyzed (1): 04/23/2025

Date Analyzed (2): 04/23/2025

Time Analyzed (1): 12:31

Time Analyzed (2): 12:31

Instrument ID (1): ECD\_O

Instrument ID (2): ECD\_O

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED 1 | DATE<br>ANALYZED 2 |
|-------------------|------------------|----------------|--------------------|--------------------|
| PB167708BS        | PB167708BS       | PO110645.D     | 04/23/2025         | 04/23/2025         |
| COMP-1            | Q1858-01         | PO110657.D     | 04/23/2025         | 04/23/2025         |
| COMP-2            | Q1858-02         | PO110658.D     | 04/23/2025         | 04/23/2025         |
| COMP-3            | Q1858-03         | PO110659.D     | 04/23/2025         | 04/23/2025         |
| COMP-1MS          | Q1859-01MS       | PO110661.D     | 04/23/2025         | 04/23/2025         |
| COMP-1MSD         | Q1859-01MSD      | PO110662.D     | 04/23/2025         | 04/23/2025         |

COMMENTS: \_\_\_\_\_  
\_\_\_\_\_



# CALIBRATION SUMMARY



A  
B  
C  
D  
E  
F  
G

**Calibration Times:**                      09:36                      17:52

LAB FILE ID: RT 1000 = PO110349.D RT 750 = PO110350.D  
RT 500 = PO110351.D RT 250 = PO110352.D RT 050 = PO110353.D

[illegible]

# RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Instrument ID: ECD\_O Calibration Date(s): 04/10/2025 04/10/2025

Calibration Times: 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

|                            |                             |                            |
|----------------------------|-----------------------------|----------------------------|
| LAB FILE ID:               | RT 1000 = <u>PO110349.D</u> | RT 750 = <u>PO110350.D</u> |
| RT 500 = <u>PO110351.D</u> | RT 250 = <u>PO110352.D</u>  | RT 050 = <u>PO110353.D</u> |

| COMPOUND             |     | RT 1000 | RT 750 | RT 500 | RT 250 | RT 050 | MEAN<br>RT | RT WINDOW |      |
|----------------------|-----|---------|--------|--------|--------|--------|------------|-----------|------|
|                      |     |         |        |        |        |        |            | FROM      | TO   |
| Aroclor-1016-1       | (1) | 4.77    | 4.77   | 4.77   | 4.77   | 4.77   | 4.77       | 4.67      | 4.87 |
| Aroclor-1016-2       | (2) | 4.78    | 4.79   | 4.78   | 4.78   | 4.79   | 4.78       | 4.68      | 4.88 |
| Aroclor-1016-3       | (3) | 4.96    | 4.96   | 4.96   | 4.96   | 4.96   | 4.96       | 4.86      | 5.06 |
| Aroclor-1016-4       | (4) | 5.00    | 5.00   | 5.00   | 5.00   | 5.00   | 5.00       | 4.90      | 5.10 |
| Aroclor-1016-5       | (5) | 5.22    | 5.22   | 5.22   | 5.21   | 5.22   | 5.22       | 5.12      | 5.32 |
| Aroclor-1260-1       | (1) | 6.25    | 6.25   | 6.25   | 6.25   | 6.25   | 6.25       | 6.15      | 6.35 |
| Aroclor-1260-2       | (2) | 6.43    | 6.43   | 6.43   | 6.43   | 6.43   | 6.43       | 6.33      | 6.53 |
| Aroclor-1260-3       | (3) | 6.59    | 6.59   | 6.59   | 6.59   | 6.59   | 6.59       | 6.49      | 6.69 |
| Aroclor-1260-4       | (4) | 7.06    | 7.06   | 7.06   | 7.06   | 7.06   | 7.06       | 6.96      | 7.16 |
| Aroclor-1260-5       | (5) | 7.30    | 7.30   | 7.30   | 7.30   | 7.30   | 7.30       | 7.20      | 7.40 |
| Decachlorobiphenyl   |     | 8.69    | 8.69   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.69    | 3.69   | 3.69   | 3.69   | 3.69   | 3.69       | 3.59      | 3.79 |
| Decachlorobiphenyl   |     | 8.68    | 8.68   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.69    | 3.69   | 3.68   | 3.69   | 3.68   | 3.69       | 3.59      | 3.79 |
| Decachlorobiphenyl   |     | 8.68    | 8.69   | 8.69   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.69    | 3.69   | 3.69   | 3.69   | 3.68   | 3.69       | 3.59      | 3.79 |
| Aroclor-1254-1       | (1) | 5.57    | 5.57   | 5.57   | 5.57   | 5.57   | 5.57       | 5.47      | 5.67 |
| Aroclor-1254-2       | (2) | 5.71    | 5.71   | 5.71   | 5.71   | 5.71   | 5.71       | 5.61      | 5.81 |
| Aroclor-1254-3       | (3) | 6.12    | 6.12   | 6.12   | 6.12   | 6.12   | 6.12       | 6.02      | 6.22 |
| Aroclor-1254-4       | (4) | 6.34    | 6.34   | 6.34   | 6.34   | 6.34   | 6.34       | 6.24      | 6.44 |
| Aroclor-1254-5       | (5) | 6.76    | 6.76   | 6.76   | 6.76   | 6.76   | 6.76       | 6.66      | 6.86 |
| Decachlorobiphenyl   |     | 8.68    | 8.68   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.69    | 3.69   | 3.69   | 3.68   | 3.69   | 3.69       | 3.59      | 3.79 |
| Decachlorobiphenyl   |     | 8.68    | 8.68   | 8.68   | 8.68   | 8.68   | 8.68       | 8.58      | 8.78 |
| Tetrachloro-m-xylene |     | 3.68    | 3.68   | 3.69   | 3.69   | 3.68   | 3.68       | 3.58      | 3.78 |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** POWE02

**Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

**Instrument ID:** ECD\_O **Calibration Date(s):** 04/10/2025 04/10/2025  
**Calibration Times:** 09:36 17:52

**GC Column:** ZB-MR1 **ID:** 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PO110349.D</u> |             | CF 750 = <u>PO110350.D</u> |             |             |       |
|----------------------------|-----|-----------------------------|-------------|----------------------------|-------------|-------------|-------|
| CF 500 = <u>PO110351.D</u> |     | CF 250 = <u>PO110352.D</u>  |             | CF 050 = <u>PO110353.D</u> |             |             |       |
| COMPOUND                   |     | CF 1000                     | CF 750      | CF 500                     | CF 250      | CF 050      | % RSD |
| Aroclor-1016-1             | (1) | 301539199                   | 312147691   | 325366094                  | 341425388   | 360239300   | 7     |
| Aroclor-1016-2             | (2) | 424202495                   | 441346851   | 452587054                  | 472466840   | 484138100   | 5     |
| Aroclor-1016-3             | (3) | 286857785                   | 300177247   | 315792572                  | 336640016   | 373170260   | 10    |
| Aroclor-1016-4             | (4) | 227624644                   | 238137328   | 247842320                  | 261218376   | 270999820   | 7     |
| Aroclor-1016-5             | (5) | 238190199                   | 250655776   | 262830422                  | 281583724   | 311798080   | 11    |
| Aroclor-1260-1             | (1) | 429982139                   | 447081743   | 462005040                  | 490865312   | 532292280   | 9     |
| Aroclor-1260-2             | (2) | 524274151                   | 548276752   | 560001580                  | 596374412   | 703195060   | 12    |
| Aroclor-1260-3             | (3) | 446012749                   | 466468717   | 482076654                  | 511871688   | 557932460   | 9     |
| Aroclor-1260-4             | (4) | 382143422                   | 400404183   | 417623168                  | 445374396   | 476569960   | 9     |
| Aroclor-1260-5             | (5) | 1002895230                  | 1031868237  | 1046125762                 | 1065122080  | 1071346720  | 3     |
| Decachlorobiphenyl         |     | 7251274760                  | 7526590267  | 7768647820                 | 8211713920  | 8716546400  | 7     |
| Tetrachloro-m-xylene       |     | 8603197440                  | 8796106920  | 8951138380                 | 8737007280  | 8657843200  | 2     |
| Decachlorobiphenyl         |     | 7236681930                  | 7570895773  | 7844756000                 | 8188613360  | 8340739400  | 6     |
| Tetrachloro-m-xylene       |     | 8271521710                  | 8776052907  | 8899890520                 | 8994445160  | 8028934800  | 5     |
| Decachlorobiphenyl         |     | 7423367890                  | 7666646707  | 8031765140                 | 8382357480  | 8221484000  | 5     |
| Tetrachloro-m-xylene       |     | 8572177400                  | 8675092440  | 8959183240                 | 8875828960  | 7878695600  | 5     |
| Aroclor-1254-1             | (1) | 517202507                   | 536393799   | 555537214                  | 581626948   | 599185020   | 6     |
| Aroclor-1254-2             | (2) | 450798901                   | 468206104   | 477861830                  | 506770124   | 524875880   | 6     |
| Aroclor-1254-3             | (3) | 746169545                   | 769125461   | 779743060                  | 811121676   | 809948840   | 4     |
| Aroclor-1254-4             | (4) | 460149954                   | 473941677   | 490156778                  | 505394424   | 508383480   | 4     |
| Aroclor-1254-5             | (5) | 657635451                   | 678198725   | 698380664                  | 724566284   | 745718260   | 5     |
| Decachlorobiphenyl         |     | 7612990370                  | 7886723680  | 8142983840                 | 8479059160  | 8719027400  | 5     |
| Tetrachloro-m-xylene       |     | 8665092200                  | 8825966600  | 8709112240                 | 8974669960  | 8357494600  | 3     |
| Decachlorobiphenyl         |     | 14008782040                 | 14232407573 | 14386243640                | 14978905640 | 14264840400 | 3     |
| Tetrachloro-m-xylene       |     | 8842756020                  | 8685831240  | 8461342580                 | 8927106240  | 7893566400  | 5     |

**CALIBRATION FACTOR OF INITIAL CALIBRATION**

**Contract:** POWE02

**Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858 **SDG NO.:** Q1858

**Instrument ID:** ECD\_O

**Calibration Date(s):** 04/10/2025 04/10/2025

**Calibration Times:** 09:36 17:52

**GC Column:** ZB-MR2 **ID:** 0.32 (mm)

| LAB FILE ID:               |     | CF 1000 = <u>PO110349.D</u> |            | CF 750 = <u>PO110350.D</u> |            |            |            |
|----------------------------|-----|-----------------------------|------------|----------------------------|------------|------------|------------|
| CF 500 = <u>PO110351.D</u> |     | CF 250 = <u>PO110352.D</u>  |            | CF 050 = <u>PO110353.D</u> |            |            |            |
| COMPOUND                   |     | CF 1000                     | CF 750     | CF 500                     | CF 250     | CF 050     | % RSD      |
| Aroclor-1016-1             | (1) | 159213491                   | 166153001  | 173161426                  | 184455932  | 194563640  | 175509498  |
| Aroclor-1016-2             | (2) | 235577328                   | 244073360  | 249915638                  | 259769828  | 267988640  | 251464959  |
| Aroclor-1016-3             | (3) | 123754519                   | 129314112  | 134837594                  | 142342816  | 148305560  | 135710920  |
| Aroclor-1016-4             | (4) | 100154968                   | 106815488  | 112688448                  | 121621132  | 130559280  | 114367863  |
| Aroclor-1016-5             | (5) | 131736277                   | 138471012  | 145266388                  | 155239544  | 174656140  | 149073872  |
| Aroclor-1260-1             | (1) | 221282381                   | 231306280  | 240804372                  | 256804492  | 279620260  | 245963557  |
| Aroclor-1260-2             | (2) | 260045501                   | 271771868  | 281572488                  | 298549944  | 346814040  | 291750768  |
| Aroclor-1260-3             | (3) | 243412958                   | 253822376  | 261595986                  | 277903536  | 317685740  | 270884119  |
| Aroclor-1260-4             | (4) | 177247956                   | 186943988  | 195746612                  | 210913364  | 232348220  | 200640028  |
| Aroclor-1260-5             | (5) | 430279301                   | 445092429  | 452357666                  | 469475868  | 497083160  | 458857685  |
| Decachlorobiphenyl         |     | 1704536950                  | 1791384040 | 1872045360                 | 2025627840 | 2231357400 | 1924990318 |
| Tetrachloro-m-xylene       |     | 4868987290                  | 4975470093 | 5049711440                 | 5093085920 | 4961663200 | 4989783589 |
| Decachlorobiphenyl         |     | 1618576700                  | 1765984867 | 1877839140                 | 2017748840 | 2043806200 | 1864791149 |
| Tetrachloro-m-xylene       |     | 4668026020                  | 4940087107 | 5018557540                 | 5112714200 | 4785540800 | 4904985133 |
| Decachlorobiphenyl         |     | 1708281780                  | 1752376693 | 1900332500                 | 2015603280 | 2024700800 | 1880259011 |
| Tetrachloro-m-xylene       |     | 4827908270                  | 4873975707 | 5038663740                 | 4997540000 | 4437882400 | 4835194023 |
| Aroclor-1254-1             | (1) | 275528987                   | 285381728  | 296386294                  | 310788612  | 339409960  | 301499116  |
| Aroclor-1254-2             | (2) | 239912515                   | 249193828  | 258146844                  | 274680708  | 301492780  | 264685335  |
| Aroclor-1254-3             | (3) | 379979735                   | 392440955  | 403528434                  | 417422392  | 423708940  | 403416091  |
| Aroclor-1254-4             | (4) | 215870098                   | 222432417  | 229245508                  | 238627400  | 242389020  | 229712889  |
| Aroclor-1254-5             | (5) | 307722172                   | 319481015  | 330728230                  | 346867608  | 356659680  | 332291741  |
| Decachlorobiphenyl         |     | 1672742580                  | 1794748347 | 1901326780                 | 2085791440 | 2132484800 | 1917418789 |
| Tetrachloro-m-xylene       |     | 4865625930                  | 4959437227 | 4872791400                 | 5058078960 | 4761547200 | 4903496143 |
| Decachlorobiphenyl         |     | 3018392240                  | 3167067147 | 3278510040                 | 3500677320 | 3503309000 | 3293591149 |
| Tetrachloro-m-xylene       |     | 4973805090                  | 4889835600 | 4772598500                 | 5033958160 | 4487276800 | 4831494830 |

### INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Instrument ID: \_\_\_\_\_ Date(s) Analyzed: \_\_\_\_\_

GC Column: \_\_\_\_\_ ID: \_\_\_\_\_ (mm)

| COMPOUND | AMOUNT<br>(ng) | PEAK | RT | RT WINDOW |    | CALIBRATION<br>FACTOR |
|----------|----------------|------|----|-----------|----|-----------------------|
|          |                |      |    | FROM      | TO |                       |
|          |                | 1    |    |           |    |                       |
|          |                | 2    |    |           |    |                       |
|          |                | 3    |    |           |    |                       |
|          |                | 4    |    |           |    |                       |
|          |                | 5    |    |           |    |                       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 08:44 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-2       | (2) | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Aroclor-1016-3       | (3) | 4.85       | 4.86      | 4.76      | 4.96 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.23       | 5.23      | 5.13      | 5.33 | 0.00       |
| Aroclor-1260-1       | (1) | 6.27       | 6.27      | 6.17      | 6.37 | 0.00       |
| Aroclor-1260-2       | (2) | 6.46       | 6.46      | 6.36      | 6.56 | 0.00       |
| Aroclor-1260-3       | (3) | 6.83       | 6.83      | 6.73      | 6.93 | 0.00       |
| Aroclor-1260-4       | (4) | 7.09       | 7.09      | 6.99      | 7.19 | 0.00       |
| Aroclor-1260-5       | (5) | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| Tetrachloro-m-xylene |     | 3.69       | 3.69      | 3.59      | 3.79 | 0.00       |
| Decachlorobiphenyl   |     | 8.73       | 8.73      | 8.63      | 8.83 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 08:44 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.76       | 4.77      | 4.67      | 4.87 | 0.01       |
| Aroclor-1016-2       | (2) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-3       | (3) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-4       | (4) | 5.00       | 5.00      | 4.90      | 5.10 | 0.00       |
| Aroclor-1016-5       | (5) | 5.21       | 5.22      | 5.12      | 5.32 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15      | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33      | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.58       | 6.59      | 6.49      | 6.69 | 0.01       |
| Aroclor-1260-4       | (4) | 7.06       | 7.06      | 6.96      | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20      | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.68       | 3.69      | 3.59      | 3.79 | 0.01       |
| Decachlorobiphenyl   |     | 8.68       | 8.68      | 8.58      | 8.78 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL01 Date Analyzed: 04/23/2025

Lab Sample No.: AR1660CCC500 Data File : PO110638.D Time Analyzed: 08:44

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.776 | 4.679     | 4.879 | 549.930            | 500.000           | 10.0 |
| Aroclor-1016-2       | 4.796 | 4.698     | 4.898 | 551.570            | 500.000           | 10.3 |
| Aroclor-1016-3       | 4.852 | 4.755     | 4.955 | 537.620            | 500.000           | 7.5  |
| Aroclor-1016-4       | 4.972 | 4.875     | 5.075 | 547.360            | 500.000           | 9.5  |
| Aroclor-1016-5       | 5.228 | 5.132     | 5.332 | 518.290            | 500.000           | 3.7  |
| Aroclor-1260-1       | 6.269 | 6.172     | 6.372 | 576.780            | 500.000           | 15.4 |
| Aroclor-1260-2       | 6.458 | 6.360     | 6.560 | 550.750            | 500.000           | 10.2 |
| Aroclor-1260-3       | 6.826 | 6.729     | 6.929 | 509.730            | 500.000           | 1.9  |
| Aroclor-1260-4       | 7.086 | 6.988     | 7.188 | 498.950            | 500.000           | -0.2 |
| Aroclor-1260-5       | 7.328 | 7.230     | 7.430 | 503.370            | 500.000           | 0.7  |
| Decachlorobiphenyl   | 8.730 | 8.632     | 8.832 | 45.790             | 50.000            | -8.4 |
| Tetrachloro-m-xylene | 3.686 | 3.588     | 3.788 | 55.810             | 50.000            | 11.6 |



### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL01 Date Analyzed: 04/23/2025

Lab Sample No.: AR1660CCC500 Data File : PO110638.D Time Analyzed: 08:44

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 4.762 | 4.666                | 4.866 | 525.760            | 500.000           | 5.2   |
| Aroclor-1016-2       | 4.781 | 4.684                | 4.884 | 522.330            | 500.000           | 4.5   |
| Aroclor-1016-3       | 4.957 | 4.860                | 5.060 | 513.380            | 500.000           | 2.7   |
| Aroclor-1016-4       | 4.999 | 4.902                | 5.102 | 421.440            | 500.000           | -15.7 |
| Aroclor-1016-5       | 5.212 | 5.115                | 5.315 | 583.490            | 500.000           | 16.7  |
| Aroclor-1260-1       | 6.242 | 6.146                | 6.346 | 530.130            | 500.000           | 6.0   |
| Aroclor-1260-2       | 6.431 | 6.334                | 6.534 | 512.290            | 500.000           | 2.5   |
| Aroclor-1260-3       | 6.583 | 6.487                | 6.687 | 494.610            | 500.000           | -1.1  |
| Aroclor-1260-4       | 7.055 | 6.957                | 7.157 | 494.230            | 500.000           | -1.2  |
| Aroclor-1260-5       | 7.295 | 7.197                | 7.397 | 495.190            | 500.000           | -1.0  |
| Decachlorobiphenyl   | 8.681 | 8.584                | 8.784 | 47.490             | 50.000            | -5.0  |
| Tetrachloro-m-xylene | 3.683 | 3.586                | 3.786 | 54.270             | 50.000            | 8.5   |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 16:20 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-2       | (2) | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Aroclor-1016-3       | (3) | 4.85       | 4.86      | 4.76      | 4.96 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.23       | 5.23      | 5.13      | 5.33 | 0.00       |
| Aroclor-1260-1       | (1) | 6.27       | 6.27      | 6.17      | 6.37 | 0.00       |
| Aroclor-1260-2       | (2) | 6.46       | 6.46      | 6.36      | 6.56 | 0.00       |
| Aroclor-1260-3       | (3) | 6.83       | 6.83      | 6.73      | 6.93 | 0.01       |
| Aroclor-1260-4       | (4) | 7.09       | 7.09      | 6.99      | 7.19 | 0.00       |
| Aroclor-1260-5       | (5) | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| Tetrachloro-m-xylene |     | 3.69       | 3.69      | 3.59      | 3.79 | 0.00       |
| Decachlorobiphenyl   |     | 8.73       | 8.73      | 8.63      | 8.83 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 16:20 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.76       | 4.77      | 4.67      | 4.87 | 0.01       |
| Aroclor-1016-2       | (2) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-3       | (3) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-4       | (4) | 5.00       | 5.00      | 4.90      | 5.10 | 0.00       |
| Aroclor-1016-5       | (5) | 5.21       | 5.22      | 5.12      | 5.32 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15      | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33      | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.58       | 6.59      | 6.49      | 6.69 | 0.01       |
| Aroclor-1260-4       | (4) | 7.06       | 7.06      | 6.96      | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20      | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.68       | 3.69      | 3.59      | 3.79 | 0.01       |
| Decachlorobiphenyl   |     | 8.68       | 8.68      | 8.58      | 8.78 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL02 Date Analyzed: 04/23/2025

Lab Sample No.: AR1660CCC500 Data File : PO110652.D Time Analyzed: 16:20

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|----------------------|-------|--------------------|-------------------|------|
| Aroclor-1016-1       | 4.776 | 4.679                | 4.879 | 554.870            | 500.000           | 11.0 |
| Aroclor-1016-2       | 4.795 | 4.698                | 4.898 | 557.710            | 500.000           | 11.5 |
| Aroclor-1016-3       | 4.852 | 4.755                | 4.955 | 543.560            | 500.000           | 8.7  |
| Aroclor-1016-4       | 4.972 | 4.875                | 5.075 | 552.400            | 500.000           | 10.5 |
| Aroclor-1016-5       | 5.229 | 5.132                | 5.332 | 538.640            | 500.000           | 7.7  |
| Aroclor-1260-1       | 6.269 | 6.172                | 6.372 | 567.990            | 500.000           | 13.6 |
| Aroclor-1260-2       | 6.458 | 6.360                | 6.560 | 529.560            | 500.000           | 5.9  |
| Aroclor-1260-3       | 6.825 | 6.729                | 6.929 | 518.020            | 500.000           | 3.6  |
| Aroclor-1260-4       | 7.086 | 6.988                | 7.188 | 511.830            | 500.000           | 2.4  |
| Aroclor-1260-5       | 7.328 | 7.230                | 7.430 | 508.430            | 500.000           | 1.7  |
| Decachlorobiphenyl   | 8.729 | 8.632                | 8.832 | 46.500             | 50.000            | -7.0 |
| Tetrachloro-m-xylene | 3.686 | 3.588                | 3.788 | 56.370             | 50.000            | 12.7 |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL02 Date Analyzed: 04/23/2025

Lab Sample No.: AR1660CCC500 Data File : PO110652.D Time Analyzed: 16:20

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 4.763 | 4.666                | 4.866 | 528.500            | 500.000           | 5.7   |
| Aroclor-1016-2       | 4.782 | 4.684                | 4.884 | 525.700            | 500.000           | 5.1   |
| Aroclor-1016-3       | 4.957 | 4.860                | 5.060 | 518.670            | 500.000           | 3.7   |
| Aroclor-1016-4       | 5.000 | 4.902                | 5.102 | 420.850            | 500.000           | -15.8 |
| Aroclor-1016-5       | 5.212 | 5.115                | 5.315 | 503.960            | 500.000           | 0.8   |
| Aroclor-1260-1       | 6.243 | 6.146                | 6.346 | 528.930            | 500.000           | 5.8   |
| Aroclor-1260-2       | 6.431 | 6.334                | 6.534 | 506.730            | 500.000           | 1.3   |
| Aroclor-1260-3       | 6.584 | 6.487                | 6.687 | 490.180            | 500.000           | -2.0  |
| Aroclor-1260-4       | 7.055 | 6.957                | 7.157 | 492.840            | 500.000           | -1.4  |
| Aroclor-1260-5       | 7.296 | 7.197                | 7.397 | 490.200            | 500.000           | -2.0  |
| Decachlorobiphenyl   | 8.681 | 8.584                | 8.784 | 47.120             | 50.000            | -5.8  |
| Tetrachloro-m-xylene | 3.684 | 3.586                | 3.786 | 54.770             | 50.000            | 9.5   |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 22:50 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR1 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-2       | (2) | 4.80       | 4.80      | 4.70      | 4.90 | 0.00       |
| Aroclor-1016-3       | (3) | 4.85       | 4.86      | 4.76      | 4.96 | 0.01       |
| Aroclor-1016-4       | (4) | 4.97       | 4.98      | 4.88      | 5.08 | 0.01       |
| Aroclor-1016-5       | (5) | 5.23       | 5.23      | 5.13      | 5.33 | 0.00       |
| Aroclor-1260-1       | (1) | 6.27       | 6.27      | 6.17      | 6.37 | 0.00       |
| Aroclor-1260-2       | (2) | 6.46       | 6.46      | 6.36      | 6.56 | 0.00       |
| Aroclor-1260-3       | (3) | 6.83       | 6.83      | 6.73      | 6.93 | 0.00       |
| Aroclor-1260-4       | (4) | 7.09       | 7.09      | 6.99      | 7.19 | 0.00       |
| Aroclor-1260-5       | (5) | 7.33       | 7.33      | 7.23      | 7.43 | 0.00       |
| Tetrachloro-m-xylene |     | 3.69       | 3.69      | 3.59      | 3.79 | 0.00       |
| Decachlorobiphenyl   |     | 8.73       | 8.73      | 8.63      | 8.83 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

Continuing Calib Date: 04/23/2025 Initial Calibration Date(s): 04/10/2025 04/10/2025

Continuing Calib Time: 22:50 Initial Calibration Time(s): 09:36 17:52

GC Column: ZB-MR2 ID: 0.32 (mm)

| COMPOUND             |     | CCAL<br>RT | AVG<br>RT | RT WINDOW |      | DIFF<br>RT |
|----------------------|-----|------------|-----------|-----------|------|------------|
|                      |     |            |           | FROM      | TO   |            |
| Aroclor-1016-1       | (1) | 4.76       | 4.77      | 4.67      | 4.87 | 0.01       |
| Aroclor-1016-2       | (2) | 4.78       | 4.78      | 4.68      | 4.88 | 0.00       |
| Aroclor-1016-3       | (3) | 4.96       | 4.96      | 4.86      | 5.06 | 0.00       |
| Aroclor-1016-4       | (4) | 5.00       | 5.00      | 4.90      | 5.10 | 0.00       |
| Aroclor-1016-5       | (5) | 5.21       | 5.22      | 5.12      | 5.32 | 0.01       |
| Aroclor-1260-1       | (1) | 6.24       | 6.25      | 6.15      | 6.35 | 0.01       |
| Aroclor-1260-2       | (2) | 6.43       | 6.43      | 6.33      | 6.53 | 0.00       |
| Aroclor-1260-3       | (3) | 6.58       | 6.59      | 6.49      | 6.69 | 0.01       |
| Aroclor-1260-4       | (4) | 7.06       | 7.06      | 6.96      | 7.16 | 0.01       |
| Aroclor-1260-5       | (5) | 7.30       | 7.30      | 7.20      | 7.40 | 0.00       |
| Tetrachloro-m-xylene |     | 3.68       | 3.69      | 3.59      | 3.79 | 0.01       |
| Decachlorobiphenyl   |     | 8.68       | 8.68      | 8.58      | 8.78 | 0.00       |

### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL03 Date Analyzed: 04/23/2025

Lab Sample No.: AR1660CCC500 Data File : PO110667.D Time Analyzed: 22:50

| COMPOUND             | RT    | RT WINDOW |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D   |
|----------------------|-------|-----------|-------|--------------------|-------------------|------|
|                      |       | FROM      | TO    |                    |                   |      |
| Aroclor-1016-1       | 4.776 | 4.679     | 4.879 | 559.600            | 500.000           | 11.9 |
| Aroclor-1016-2       | 4.796 | 4.698     | 4.898 | 564.500            | 500.000           | 12.9 |
| Aroclor-1016-3       | 4.852 | 4.755     | 4.955 | 550.930            | 500.000           | 10.2 |
| Aroclor-1016-4       | 4.972 | 4.875     | 5.075 | 561.080            | 500.000           | 12.2 |
| Aroclor-1016-5       | 5.229 | 5.132     | 5.332 | 539.150            | 500.000           | 7.8  |
| Aroclor-1260-1       | 6.269 | 6.172     | 6.372 | 583.100            | 500.000           | 16.6 |
| Aroclor-1260-2       | 6.458 | 6.360     | 6.560 | 555.900            | 500.000           | 11.2 |
| Aroclor-1260-3       | 6.826 | 6.729     | 6.929 | 536.310            | 500.000           | 7.3  |
| Aroclor-1260-4       | 7.086 | 6.988     | 7.188 | 528.490            | 500.000           | 5.7  |
| Aroclor-1260-5       | 7.328 | 7.230     | 7.430 | 524.450            | 500.000           | 4.9  |
| Decachlorobiphenyl   | 8.727 | 8.632     | 8.832 | 46.930             | 50.000            | -6.1 |
| Tetrachloro-m-xylene | 3.687 | 3.588     | 3.788 | 57.040             | 50.000            | 14.1 |



### CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858 SDG NO.: Q1858

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 04/10/2025 04/10/2025

Client Sample No.: CCAL03 Date Analyzed: 04/23/2025

Lab Sample No.: AR1660CCC500 Data File : PO110667.D Time Analyzed: 22:50

| COMPOUND             | RT    | RT WINDOW<br>FROM TO |       | CALC<br>AMOUNT(ng) | NOM<br>AMOUNT(ng) | %D    |
|----------------------|-------|----------------------|-------|--------------------|-------------------|-------|
| Aroclor-1016-1       | 4.763 | 4.666                | 4.866 | 537.030            | 500.000           | 7.4   |
| Aroclor-1016-2       | 4.782 | 4.684                | 4.884 | 529.750            | 500.000           | 6.0   |
| Aroclor-1016-3       | 4.958 | 4.860                | 5.060 | 529.630            | 500.000           | 5.9   |
| Aroclor-1016-4       | 5.000 | 4.902                | 5.102 | 405.680            | 500.000           | -18.9 |
| Aroclor-1016-5       | 5.212 | 5.115                | 5.315 | 509.900            | 500.000           | 2.0   |
| Aroclor-1260-1       | 6.244 | 6.146                | 6.346 | 540.930            | 500.000           | 8.2   |
| Aroclor-1260-2       | 6.431 | 6.334                | 6.534 | 520.700            | 500.000           | 4.1   |
| Aroclor-1260-3       | 6.584 | 6.487                | 6.687 | 497.360            | 500.000           | -0.5  |
| Aroclor-1260-4       | 7.055 | 6.957                | 7.157 | 492.790            | 500.000           | -1.4  |
| Aroclor-1260-5       | 7.296 | 7.197                | 7.397 | 493.880            | 500.000           | -1.2  |
| Decachlorobiphenyl   | 8.680 | 8.584                | 8.784 | 47.310             | 50.000            | -5.4  |
| Tetrachloro-m-xylene | 3.684 | 3.586                | 3.786 | 55.340             | 50.000            | 10.7  |

## Analytical Sequence

|                           |                      |                                                |
|---------------------------|----------------------|------------------------------------------------|
| Client: Kleinfelder       | SDG No.: Q1858       |                                                |
| Project: Henry Lea School | Instrument ID: ECD_O |                                                |
| GC Column: ZB-MR1         | ID: 0.32 (mm)        | Inst. Calib. Date(s): 04/10/2025    04/10/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/10/2025       | 09:17            | PO110348.D | 8.73        | 3.69        |
| AR1660ICC1000     | AR1660ICC1000    | 04/10/2025       | 09:36            | PO110349.D | 8.73        | 3.69        |
| AR1660ICC750      | AR1660ICC750     | 04/10/2025       | 09:54            | PO110350.D | 8.73        | 3.69        |
| AR1660ICC500      | AR1660ICC500     | 04/10/2025       | 10:13            | PO110351.D | 8.73        | 3.69        |
| AR1660ICC250      | AR1660ICC250     | 04/10/2025       | 10:31            | PO110352.D | 8.73        | 3.69        |
| AR1660ICC050      | AR1660ICC050     | 04/10/2025       | 10:49            | PO110353.D | 8.73        | 3.69        |
| AR1221ICC500      | AR1221ICC500     | 04/10/2025       | 11:08            | PO110354.D | 8.73        | 3.69        |
| AR1232ICC500      | AR1232ICC500     | 04/10/2025       | 11:26            | PO110355.D | 8.73        | 3.69        |
| AR1242ICC1000     | AR1242ICC1000    | 04/10/2025       | 11:44            | PO110356.D | 8.73        | 3.69        |
| AR1242ICC750      | AR1242ICC750     | 04/10/2025       | 12:03            | PO110357.D | 8.73        | 3.69        |
| AR1242ICC500      | AR1242ICC500     | 04/10/2025       | 12:21            | PO110358.D | 8.73        | 3.69        |
| AR1242ICC250      | AR1242ICC250     | 04/10/2025       | 12:39            | PO110359.D | 8.73        | 3.69        |
| AR1242ICC050      | AR1242ICC050     | 04/10/2025       | 12:58            | PO110360.D | 8.73        | 3.69        |
| AR1248ICC1000     | AR1248ICC1000    | 04/10/2025       | 13:16            | PO110361.D | 8.73        | 3.69        |
| AR1248ICC750      | AR1248ICC750     | 04/10/2025       | 13:35            | PO110362.D | 8.73        | 3.69        |
| AR1248ICC500      | AR1248ICC500     | 04/10/2025       | 13:53            | PO110363.D | 8.73        | 3.69        |
| AR1248ICC250      | AR1248ICC250     | 04/10/2025       | 14:11            | PO110364.D | 8.73        | 3.69        |
| AR1248ICC050      | AR1248ICC050     | 04/10/2025       | 14:30            | PO110365.D | 8.73        | 3.69        |
| AR1254ICC1000     | AR1254ICC1000    | 04/10/2025       | 14:48            | PO110366.D | 8.73        | 3.69        |
| AR1254ICC750      | AR1254ICC750     | 04/10/2025       | 15:06            | PO110367.D | 8.73        | 3.69        |
| AR1254ICC500      | AR1254ICC500     | 04/10/2025       | 15:25            | PO110368.D | 8.73        | 3.69        |
| AR1254ICC250      | AR1254ICC250     | 04/10/2025       | 15:43            | PO110369.D | 8.73        | 3.69        |
| AR1254ICC050      | AR1254ICC050     | 04/10/2025       | 16:02            | PO110370.D | 8.73        | 3.69        |
| AR1262ICC500      | AR1262ICC500     | 04/10/2025       | 16:20            | PO110371.D | 8.73        | 3.69        |
| AR1268ICC1000     | AR1268ICC1000    | 04/10/2025       | 16:38            | PO110372.D | 8.73        | 3.69        |
| AR1268ICC750      | AR1268ICC750     | 04/10/2025       | 16:57            | PO110373.D | 8.73        | 3.69        |
| AR1268ICC500      | AR1268ICC500     | 04/10/2025       | 17:15            | PO110374.D | 8.73        | 3.69        |
| AR1268ICC250      | AR1268ICC250     | 04/10/2025       | 17:33            | PO110375.D | 8.73        | 3.69        |
| AR1268ICC050      | AR1268ICC050     | 04/10/2025       | 17:52            | PO110376.D | 8.73        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 04/23/2025       | 08:44            | PO110638.D | 8.73        | 3.69        |
| IBLK              | IBLK             | 04/23/2025       | 10:00            | PO110642.D | 8.73        | 3.69        |
| PB167708BL        | PB167708BL       | 04/23/2025       | 12:31            | PO110644.D | 8.73        | 3.69        |
| PB167708BS        | PB167708BS       | 04/23/2025       | 12:49            | PO110645.D | 8.73        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 04/23/2025       | 16:20            | PO110652.D | 8.73        | 3.69        |
| IBLK              | IBLK             | 04/23/2025       | 18:08            | PO110656.D | 8.73        | 3.69        |
| COMP-1            | Q1858-01         | 04/23/2025       | 18:26            | PO110657.D | 8.73        | 3.69        |
| COMP-2            | Q1858-02         | 04/23/2025       | 18:44            | PO110658.D | 8.73        | 3.69        |
| COMP-3            | Q1858-03         | 04/23/2025       | 19:02            | PO110659.D | 8.73        | 3.69        |
| COMP-1MS          | Q1859-01MS       | 04/23/2025       | 19:38            | PO110661.D | 8.73        | 3.69        |
| COMP-1MSD         | Q1859-01MSD      | 04/23/2025       | 19:57            | PO110662.D | 8.73        | 3.69        |
| AR1660CCC500      | AR1660CCC500     | 04/23/2025       | 22:50            | PO110667.D | 8.73        | 3.69        |
| IBLK              | IBLK             | 04/24/2025       | 00:39            | PO110671.D | 8.73        | 3.68        |

## Analytical Sequence

## Analytical Sequence

|                           |                      |                                             |
|---------------------------|----------------------|---------------------------------------------|
| Client: Kleinfelder       | SDG No.: Q1858       |                                             |
| Project: Henry Lea School | Instrument ID: ECD_O |                                             |
| GC Column: ZB-MR2         | ID: 0.32 (mm)        | Inst. Calib. Date(s): 04/10/2025 04/10/2025 |

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,  
AND STANDARDS IS GIVEN BELOW:

| EPA<br>SAMPLE NO. | LAB<br>SAMPLE ID | DATE<br>ANALYZED | TIME<br>ANALYZED | DATAFILE   | DCB<br>RT # | TCX<br>RT # |
|-------------------|------------------|------------------|------------------|------------|-------------|-------------|
| IBLK              | IBLK             | 04/10/2025       | 09:17            | PO110348.D | 8.68        | 3.68        |
| AR1660ICC1000     | AR1660ICC1000    | 04/10/2025       | 09:36            | PO110349.D | 8.69        | 3.69        |
| AR1660ICC750      | AR1660ICC750     | 04/10/2025       | 09:54            | PO110350.D | 8.69        | 3.69        |
| AR1660ICC500      | AR1660ICC500     | 04/10/2025       | 10:13            | PO110351.D | 8.68        | 3.69        |
| AR1660ICC250      | AR1660ICC250     | 04/10/2025       | 10:31            | PO110352.D | 8.68        | 3.69        |
| AR1660ICC050      | AR1660ICC050     | 04/10/2025       | 10:49            | PO110353.D | 8.68        | 3.69        |
| AR1221ICC500      | AR1221ICC500     | 04/10/2025       | 11:08            | PO110354.D | 8.68        | 3.69        |
| AR1232ICC500      | AR1232ICC500     | 04/10/2025       | 11:26            | PO110355.D | 8.68        | 3.69        |
| AR1242ICC1000     | AR1242ICC1000    | 04/10/2025       | 11:44            | PO110356.D | 8.68        | 3.69        |
| AR1242ICC750      | AR1242ICC750     | 04/10/2025       | 12:03            | PO110357.D | 8.68        | 3.69        |
| AR1242ICC500      | AR1242ICC500     | 04/10/2025       | 12:21            | PO110358.D | 8.68        | 3.68        |
| AR1242ICC250      | AR1242ICC250     | 04/10/2025       | 12:39            | PO110359.D | 8.68        | 3.69        |
| AR1242ICC050      | AR1242ICC050     | 04/10/2025       | 12:58            | PO110360.D | 8.68        | 3.68        |
| AR1248ICC1000     | AR1248ICC1000    | 04/10/2025       | 13:16            | PO110361.D | 8.68        | 3.69        |
| AR1248ICC750      | AR1248ICC750     | 04/10/2025       | 13:35            | PO110362.D | 8.69        | 3.69        |
| AR1248ICC500      | AR1248ICC500     | 04/10/2025       | 13:53            | PO110363.D | 8.69        | 3.69        |
| AR1248ICC250      | AR1248ICC250     | 04/10/2025       | 14:11            | PO110364.D | 8.68        | 3.69        |
| AR1248ICC050      | AR1248ICC050     | 04/10/2025       | 14:30            | PO110365.D | 8.68        | 3.68        |
| AR1254ICC1000     | AR1254ICC1000    | 04/10/2025       | 14:48            | PO110366.D | 8.68        | 3.69        |
| AR1254ICC750      | AR1254ICC750     | 04/10/2025       | 15:06            | PO110367.D | 8.68        | 3.69        |
| AR1254ICC500      | AR1254ICC500     | 04/10/2025       | 15:25            | PO110368.D | 8.68        | 3.69        |
| AR1254ICC250      | AR1254ICC250     | 04/10/2025       | 15:43            | PO110369.D | 8.68        | 3.68        |
| AR1254ICC050      | AR1254ICC050     | 04/10/2025       | 16:02            | PO110370.D | 8.68        | 3.69        |
| AR1262ICC500      | AR1262ICC500     | 04/10/2025       | 16:20            | PO110371.D | 8.68        | 3.69        |
| AR1268ICC1000     | AR1268ICC1000    | 04/10/2025       | 16:38            | PO110372.D | 8.68        | 3.68        |
| AR1268ICC750      | AR1268ICC750     | 04/10/2025       | 16:57            | PO110373.D | 8.68        | 3.68        |
| AR1268ICC500      | AR1268ICC500     | 04/10/2025       | 17:15            | PO110374.D | 8.68        | 3.69        |
| AR1268ICC250      | AR1268ICC250     | 04/10/2025       | 17:33            | PO110375.D | 8.68        | 3.69        |
| AR1268ICC050      | AR1268ICC050     | 04/10/2025       | 17:52            | PO110376.D | 8.68        | 3.68        |
| AR1660CCC500      | AR1660CCC500     | 04/23/2025       | 08:44            | PO110638.D | 8.68        | 3.68        |
| IBLK              | IBLK             | 04/23/2025       | 10:00            | PO110642.D | 8.68        | 3.68        |
| PB167708BL        | PB167708BL       | 04/23/2025       | 12:31            | PO110644.D | 8.68        | 3.68        |
| PB167708BS        | PB167708BS       | 04/23/2025       | 12:49            | PO110645.D | 8.68        | 3.68        |
| AR1660CCC500      | AR1660CCC500     | 04/23/2025       | 16:20            | PO110652.D | 8.68        | 3.68        |
| IBLK              | IBLK             | 04/23/2025       | 18:08            | PO110656.D | 8.68        | 3.68        |
| COMP-1            | Q1858-01         | 04/23/2025       | 18:26            | PO110657.D | 8.68        | 3.68        |
| COMP-2            | Q1858-02         | 04/23/2025       | 18:44            | PO110658.D | 8.68        | 3.68        |
| COMP-3            | Q1858-03         | 04/23/2025       | 19:02            | PO110659.D | 8.68        | 3.68        |
| COMP-1MS          | Q1859-01MS       | 04/23/2025       | 19:38            | PO110661.D | 8.68        | 3.68        |
| COMP-1MSD         | Q1859-01MSD      | 04/23/2025       | 19:57            | PO110662.D | 8.68        | 3.68        |
| AR1660CCC500      | AR1660CCC500     | 04/23/2025       | 22:50            | PO110667.D | 8.68        | 3.68        |
| IBLK              | IBLK             | 04/24/2025       | 00:39            | PO110671.D | 8.68        | 3.68        |

## Analytical Sequence

A

B

C

D

E

F

G



# QC SAMPLE DATA

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    |            |
| Project:           | Henry Lea School | Date Received:     |            |
| Client Sample ID:  | PB167708BL       | SDG No.:           | Q1858      |
| Lab Sample ID:     | PB167708BL       | Matrix:            | SOIL       |
| Analytical Method: | SW8082A          | % Solid:           | 100        |
| Sample Wt/Vol:     | 30.02 Units: g   | Decanted:          |            |
| Soil Aliquot Vol:  | uL               | Final Vol:         | 10000 uL   |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | Injection Volume : |            |
| PH :               |                  |                    |            |
| Prep Method :      | SW3541B          |                    |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110644.D        | 1         | 04/23/25 08:35 | 04/23/25 12:31 | PB167708      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 3.90  | U         | 3.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 20.3  |           | 32 - 144 | 102%       | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.3  |           | 32 - 175 | 97%        | SPK: 20           |

### Comments:

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 E = Value Exceeds Calibration Range  
 P = Indicates >25% difference for detected concentrations between the two GC columns  
 Q = indicates LCS control criteria did not meet requirements  
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 N = Presumptive Evidence of a Compound  
 \* = Values outside of QC limits  
 D = Dilution  
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.  
 () = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/10/25   |
| Project:           | Henry Lea School | Date Received:     | 04/10/25   |
| Client Sample ID:  | PIBLK-PO110348.D | SDG No.:           | Q1858      |
| Lab Sample ID:     | I.BLK-PO110348.D | Matrix:            | WATER      |
| Analytical Method: | SW8082A          | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000 Units: mL   | Decanted:          |            |
| Soil Aliquot Vol:  | uL               | Final Vol:         | 10000 uL   |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | Injection Volume : |            |
| Prep Method :      | 5030             |                    |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110348.D        | 1         |           | 04/10/25      | PO041025      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 18.1  |           | 60 - 140 | 91%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 19.2  |           | 60 - 140 | 96%        | SPK: 20 |

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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/23/25   |
| Project:           | Henry Lea School | Date Received:     | 04/23/25   |
| Client Sample ID:  | PIBLK-PO110642.D | SDG No.:           | Q1858      |
| Lab Sample ID:     | I.BLK-PO110642.D | Matrix:            | WATER      |
| Analytical Method: | SW8082A          | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000 Units: mL   | Decanted:          |            |
| Soil Aliquot Vol:  | uL               | Final Vol:         | 10000 uL   |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | Injection Volume : |            |
| Prep Method :      | 5030             |                    |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110642.D        | 1         |           | 04/23/25      | PO042325      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 15.6  |           | 60 - 140 | 78%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 15.2  |           | 60 - 140 | 76%        | SPK: 20 |

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## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/23/25   |
| Project:           | Henry Lea School | Date Received:     | 04/23/25   |
| Client Sample ID:  | PIBLK-PO110656.D | SDG No.:           | Q1858      |
| Lab Sample ID:     | I.BLK-PO110656.D | Matrix:            | WATER      |
| Analytical Method: | SW8082A          | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000 Units: mL   | Decanted:          |            |
| Soil Aliquot Vol:  | uL               | Final Vol:         | 10000 uL   |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | Injection Volume : |            |
| Prep Method :      | 5030             |                    |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110656.D        | 1         |           | 04/23/25      | PO042325      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.1  |           | 60 - 140 | 80%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 15.8  |           | 60 - 140 | 79%        | SPK: 20 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/24/25   |
| Project:           | Henry Lea School | Date Received:     | 04/24/25   |
| Client Sample ID:  | PIBLK-PO110671.D | SDG No.:           | Q1858      |
| Lab Sample ID:     | I.BLK-PO110671.D | Matrix:            | WATER      |
| Analytical Method: | SW8082A          | % Solid:           | 0          |
| Sample Wt/Vol:     | 1000 Units: mL   | Decanted:          |            |
| Soil Aliquot Vol:  | uL               | Final Vol:         | 10000 uL   |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | Injection Volume : |            |
| Prep Method :      | 5030             |                    |            |

|                   |           |           |               |               |
|-------------------|-----------|-----------|---------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date | Date Analyzed | Prep Batch ID |
| PO110671.D        | 1         |           | 04/24/25      | PO042325      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units   |
|-------------------|----------------------|-------|-----------|----------|------------|---------|
| <b>TARGETS</b>    |                      |       |           |          |            |         |
| 12674-11-2        | Aroclor-1016         | 0.097 | U         | 0.097    | 0.50       | ug/L    |
| 11097-69-1        | Aroclor-1254         | 0.094 | U         | 0.094    | 0.50       | ug/L    |
| 11096-82-5        | Aroclor-1260         | 0.081 | U         | 0.081    | 0.50       | ug/L    |
| <b>SURROGATES</b> |                      |       |           |          |            |         |
| 877-09-8          | Tetrachloro-m-xylene | 16.4  |           | 60 - 140 | 82%        | SPK: 20 |
| 2051-24-3         | Decachlorobiphenyl   | 16.0  |           | 60 - 140 | 80%        | SPK: 20 |

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    |            |
| Project:           | Henry Lea School | Date Received:     |            |
| Client Sample ID:  | PB167708BS       | SDG No.:           | Q1858      |
| Lab Sample ID:     | PB167708BS       | Matrix:            | SOIL       |
| Analytical Method: | SW8082A          | % Solid:           | 100        |
| Sample Wt/Vol:     | 30.03            | Units:             | g          |
| Soil Aliquot Vol:  |                  |                    | uL         |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | PH :               |            |
| Prep Method :      | SW3541B          | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110645.D        | 1         | 04/23/25 08:35 | 04/23/25 12:49 | PB167708      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 151   |           | 3.90     | 17.0       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 3.20  | U         | 3.20     | 17.0       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 145   |           | 3.20     | 17.0       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.4  |           | 32 - 144 | 97%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 19.3  |           | 32 - 175 | 96%        | SPK: 20           |

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/18/25   |
| Project:           | Henry Lea School | Date Received:     | 04/22/25   |
| Client Sample ID:  | COMP-1MS         | SDG No.:           | Q1858      |
| Lab Sample ID:     | Q1859-01MS       | Matrix:            | SOIL       |
| Analytical Method: | SW8082A          | % Solid:           | 79.6       |
| Sample Wt/Vol:     | 30.03            | Units:             | g          |
| Soil Aliquot Vol:  |                  |                    | uL         |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | PH :               |            |
| Prep Method :      | SW3541B          | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110661.D        | 1         | 04/23/25 08:35 | 04/23/25 19:38 | PB167708      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 178   |           | 5.00     | 21.3       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 4.00  | U         | 4.00     | 21.3       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 144   |           | 4.10     | 21.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 18.1  |           | 32 - 144 | 91%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 12.1  |           | 32 - 175 | 61%        | SPK: 20           |

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## Report of Analysis

|                    |                  |                    |            |
|--------------------|------------------|--------------------|------------|
| Client:            | Kleinfelder      | Date Collected:    | 04/18/25   |
| Project:           | Henry Lea School | Date Received:     | 04/22/25   |
| Client Sample ID:  | COMP-1MSD        | SDG No.:           | Q1858      |
| Lab Sample ID:     | Q1859-01MSD      | Matrix:            | SOIL       |
| Analytical Method: | SW8082A          | % Solid:           | 79.6       |
| Sample Wt/Vol:     | 30.06            | Units:             | g          |
| Soil Aliquot Vol:  |                  |                    | uL         |
| Extraction Type:   |                  | Test:              | PCB Group1 |
| GPC Factor :       | 1.0              | PH :               |            |
| Prep Method :      | SW3541B          | Injection Volume : |            |

|                   |           |                |                |               |
|-------------------|-----------|----------------|----------------|---------------|
| File ID/Qc Batch: | Dilution: | Prep Date      | Date Analyzed  | Prep Batch ID |
| PO110662.D        | 1         | 04/23/25 08:35 | 04/23/25 19:57 | PB167708      |

| CAS Number        | Parameter            | Conc. | Qualifier | MDL      | LOQ / CRQL | Units(Dry Weight) |
|-------------------|----------------------|-------|-----------|----------|------------|-------------------|
| <b>TARGETS</b>    |                      |       |           |          |            |                   |
| 12674-11-2        | Aroclor-1016         | 191   |           | 5.00     | 21.3       | ug/kg             |
| 11097-69-1        | Aroclor-1254         | 4.00  | U         | 4.00     | 21.3       | ug/kg             |
| 11096-82-5        | Aroclor-1260         | 154   |           | 4.00     | 21.3       | ug/kg             |
| <b>SURROGATES</b> |                      |       |           |          |            |                   |
| 877-09-8          | Tetrachloro-m-xylene | 19.5  |           | 32 - 144 | 97%        | SPK: 20           |
| 2051-24-3         | Decachlorobiphenyl   | 14.2  |           | 32 - 175 | 71%        | SPK: 20           |

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

## LAB CHRONICLE

|                 |              |                   |                      |
|-----------------|--------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1858        | <b>OrderDate:</b> | 4/22/2025 2:54:00 PM |
| <b>Client:</b>  | Kleinfelder  | <b>Project:</b>   | Henry Lea School     |
| <b>Contact:</b> | Mark Warchol | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID    | ClientID | Matrix | Test              | Method | Sample Date | Prep Date | Anal Date | Received |
|----------|----------|--------|-------------------|--------|-------------|-----------|-----------|----------|
| Q1858-01 | COMP-1   | SOIL   | Mercury           | 7471B  | 04/21/25    | 04/23/25  | 04/24/25  | 04/22/25 |
|          |          |        | Metals ICP-Group1 | 6010D  |             | 04/23/25  | 04/23/25  |          |
| Q1858-02 | COMP-2   | SOIL   | Mercury           | 7471B  | 04/21/25    | 04/23/25  | 04/24/25  | 04/22/25 |
|          |          |        | Metals ICP-Group1 | 6010D  |             | 04/23/25  | 04/23/25  |          |
| Q1858-03 | COMP-3   | SOIL   | Mercury           | 7471B  | 04/21/25    | 04/23/25  | 04/24/25  | 04/22/25 |
|          |          |        | Metals ICP-Group1 | 6010D  |             | 04/23/25  | 04/23/25  |          |

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1858  
**Client:** Kleinfelder

**Order ID:** Q1858  
**Project ID:** Henry Lea School

| Sample ID                 | Client ID | Matrix | Parameter  | Concentration | C | MDL    | RDL   | Units |
|---------------------------|-----------|--------|------------|---------------|---|--------|-------|-------|
| <b>Client ID : COMP-1</b> |           |        |            |               |   |        |       |       |
| Q1858-01                  | COMP-1    | SOIL   | Aluminum   | 24600         |   | 0.95   | 5.65  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Arsenic    | 5.92          |   | 0.22   | 1.13  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Barium     | 146           |   | 0.83   | 5.65  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Beryllium  | 2.29          |   | 0.028  | 0.34  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Boron      | 14.1          |   | 0.90   | 5.65  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Cadmium    | 3.68          |   | 0.027  | 0.34  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Chromium   | 57.6          |   | 0.053  | 0.56  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Cobalt     | 34.6          |   | 0.11   | 1.69  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Copper     | 71.3          |   | 0.25   | 1.13  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Iron       | 45400         |   | 4.51   | 5.65  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Lead       | 24.7          |   | 0.15   | 0.68  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Manganese  | 401           |   | 0.16   | 1.13  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Mercury    | 0.0090        | J | 0.0080 | 0.015 | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Molybdenum | 7.80          | J | 0.92   | 11.3  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Nickel     | 35.3          |   | 0.15   | 2.26  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Silver     | 0.65          |   | 0.14   | 0.56  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Vanadium   | 124           |   | 0.28   | 2.26  | mg/Kg |
| Q1858-01                  | COMP-1    | SOIL   | Zinc       | 92.7          |   | 0.26   | 2.26  | mg/Kg |
| <b>Client ID : COMP-2</b> |           |        |            |               |   |        |       |       |
| Q1858-02                  | COMP-2    | SOIL   | Aluminum   | 16800         |   | 0.95   | 5.64  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Arsenic    | 5.44          |   | 0.21   | 1.13  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Barium     | 98.8          |   | 0.82   | 5.64  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Beryllium  | 1.47          |   | 0.028  | 0.34  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Boron      | 12.3          |   | 0.90   | 5.64  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Cadmium    | 1.61          |   | 0.027  | 0.34  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Chromium   | 39.2          |   | 0.053  | 0.56  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Cobalt     | 27.0          |   | 0.11   | 1.69  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Copper     | 43.5          |   | 0.25   | 1.13  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Iron       | 28800         |   | 4.50   | 5.64  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Lead       | 25.2          |   | 0.15   | 0.68  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Manganese  | 613           |   | 0.16   | 1.13  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Mercury    | 0.029         |   | 0.0090 | 0.016 | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Molybdenum | 16.0          |   | 0.91   | 11.3  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Nickel     | 26.2          |   | 0.15   | 2.26  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Silver     | 0.52          | J | 0.14   | 0.56  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Vanadium   | 70.5          |   | 0.28   | 2.26  | mg/Kg |
| Q1858-02                  | COMP-2    | SOIL   | Zinc       | 56.7          |   | 0.26   | 2.26  | mg/Kg |



**Hit Summary Sheet**  
**SW-846**

|                 |             |                    |                  |
|-----------------|-------------|--------------------|------------------|
| <b>SDG No.:</b> | Q1858       | <b>Order ID:</b>   | Q1858            |
| <b>Client:</b>  | Kleinfelder | <b>Project ID:</b> | Henry Lea School |

| Sample ID                 | Client ID | Matrix | Parameter  | Concentration | C | MDL    | RDL   | Units |
|---------------------------|-----------|--------|------------|---------------|---|--------|-------|-------|
| <b>Client ID : COMP-3</b> |           |        |            |               |   |        |       |       |
| Q1858-03                  | COMP-3    | SOIL   | Aluminum   | 18800         |   | 0.82   | 4.88  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Arsenic    | 3.06          |   | 0.19   | 0.98  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Barium     | 125           |   | 0.71   | 4.88  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Beryllium  | 1.25          |   | 0.024  | 0.29  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Boron      | 7.57          |   | 0.78   | 4.88  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Cadmium    | 0.55          |   | 0.023  | 0.29  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Chromium   | 30.9          |   | 0.046  | 0.49  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Cobalt     | 19.2          |   | 0.098  | 1.46  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Copper     | 22.2          |   | 0.22   | 0.98  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Iron       | 23500         |   | 3.89   | 4.88  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Lead       | 23.9          |   | 0.13   | 0.59  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Manganese  | 409           |   | 0.14   | 0.98  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Mercury    | 0.013         | J | 0.0080 | 0.015 | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Molybdenum | 5.21          | J | 0.79   | 9.76  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Nickel     | 25.0          |   | 0.13   | 1.95  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Silver     | 0.26          | J | 0.12   | 0.49  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Vanadium   | 49.1          |   | 0.24   | 1.95  | mg/Kg |
| Q1858-03                  | COMP-3    | SOIL   | Zinc       | 59.9          |   | 0.22   | 1.95  | mg/Kg |



# SAMPLE DATA

## Report of Analysis

|                   |                  |                 |          |
|-------------------|------------------|-----------------|----------|
| Client:           | Kleinfelder      | Date Collected: | 04/21/25 |
| Project:          | Henry Lea School | Date Received:  | 04/22/25 |
| Client Sample ID: | COMP-1           | SDG No.:        | Q1858    |
| Lab Sample ID:    | Q1858-01         | Matrix:         | SOIL     |
| Level (low/med):  | low              | % Solid:        | 83.9     |

| Cas       | Parameter  | Conc.  | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|------------|--------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum   | 24600  |      | 1  | 0.95   | 5.65       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-36-0 | Antimony   | 0.25   | UN   | 1  | 0.25   | 2.82       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic    | 5.92   | N    | 1  | 0.22   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-39-3 | Barium     | 146    |      | 1  | 0.83   | 5.65       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium  | 2.29   | N    | 1  | 0.028  | 0.34       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-42-8 | Boron      | 14.1   | N*   | 1  | 0.90   | 5.65       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium    | 3.68   | *    | 1  | 0.027  | 0.34       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-47-3 | Chromium   | 57.6   | N    | 1  | 0.053  | 0.56       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt     | 34.6   |      | 1  | 0.11   | 1.69       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-50-8 | Copper     | 71.3   |      | 1  | 0.25   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7439-89-6 | Iron       | 45400  |      | 1  | 4.51   | 5.65       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7439-92-1 | Lead       | 24.7   |      | 1  | 0.15   | 0.68       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7439-96-5 | Manganese  | 401    |      | 1  | 0.16   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7439-97-6 | Mercury    | 0.0090 | J    | 1  | 0.0080 | 0.015      | mg/Kg             | 04/23/25 15:15 | 04/24/25 08:57 | SW7471B  |           |
| 7439-98-7 | Molybdenum | 7.80   | JN   | 1  | 0.92   | 11.3       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-02-0 | Nickel     | 35.3   |      | 1  | 0.15   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7782-49-2 | Selenium   | 0.29   | UN   | 1  | 0.29   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-22-4 | Silver     | 0.65   | N    | 1  | 0.14   | 0.56       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-28-0 | Thallium   | 0.26   | U    | 1  | 0.26   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium   | 124    |      | 1  | 0.28   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |
| 7440-66-6 | Zinc       | 92.7   | *    | 1  | 0.26   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 16:56 | SW6010   | SW3050    |

|               |               |                 |            |        |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown         | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow        | Clarity After:  | Artifacts: |        |
| Comments:     | Metals Group1 |                 |            |        |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                  |                 |          |
|-------------------|------------------|-----------------|----------|
| Client:           | Kleinfelder      | Date Collected: | 04/21/25 |
| Project:          | Henry Lea School | Date Received:  | 04/22/25 |
| Client Sample ID: | COMP-2           | SDG No.:        | Q1858    |
| Lab Sample ID:    | Q1858-02         | Matrix:         | SOIL     |
| Level (low/med):  | low              | % Solid:        | 81.3     |

| Cas       | Parameter  | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|------------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum   | 16800 |      | 1  | 0.95   | 5.64       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-36-0 | Antimony   | 0.25  | UN   | 1  | 0.25   | 2.82       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic    | 5.44  | N    | 1  | 0.21   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-39-3 | Barium     | 98.8  |      | 1  | 0.82   | 5.64       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium  | 1.47  | N    | 1  | 0.028  | 0.34       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-42-8 | Boron      | 12.3  | N*   | 1  | 0.90   | 5.64       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium    | 1.61  | *    | 1  | 0.027  | 0.34       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-47-3 | Chromium   | 39.2  | N    | 1  | 0.053  | 0.56       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt     | 27.0  |      | 1  | 0.11   | 1.69       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-50-8 | Copper     | 43.5  |      | 1  | 0.25   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7439-89-6 | Iron       | 28800 |      | 1  | 4.50   | 5.64       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7439-92-1 | Lead       | 25.2  |      | 1  | 0.15   | 0.68       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7439-96-5 | Manganese  | 613   |      | 1  | 0.16   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7439-97-6 | Mercury    | 0.029 |      | 1  | 0.0090 | 0.016      | mg/Kg             | 04/23/25 15:15 | 04/24/25 08:59 | SW7471B  |           |
| 7439-98-7 | Molybdenum | 16.0  | N    | 1  | 0.91   | 11.3       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-02-0 | Nickel     | 26.2  |      | 1  | 0.15   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7782-49-2 | Selenium   | 0.29  | UN   | 1  | 0.29   | 1.13       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-22-4 | Silver     | 0.52  | JN   | 1  | 0.14   | 0.56       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-28-0 | Thallium   | 0.26  | U    | 1  | 0.26   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium   | 70.5  |      | 1  | 0.28   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |
| 7440-66-6 | Zinc       | 56.7  | *    | 1  | 0.26   | 2.26       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:30 | SW6010   | SW3050    |

|               |               |                 |            |        |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown         | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow        | Clarity After:  | Artifacts: |        |
| Comments:     | Metals Group1 |                 |            |        |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                  |                 |          |
|-------------------|------------------|-----------------|----------|
| Client:           | Kleinfelder      | Date Collected: | 04/21/25 |
| Project:          | Henry Lea School | Date Received:  | 04/22/25 |
| Client Sample ID: | COMP-3           | SDG No.:        | Q1858    |
| Lab Sample ID:    | Q1858-03         | Matrix:         | SOIL     |
| Level (low/med):  | low              | % Solid:        | 91.1     |

| Cas       | Parameter  | Conc. | Qua. | DF | MDL    | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met. | Prep Met. |
|-----------|------------|-------|------|----|--------|------------|-------------------|----------------|----------------|----------|-----------|
| 7429-90-5 | Aluminum   | 18800 |      | 1  | 0.82   | 4.88       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-36-0 | Antimony   | 0.22  | UN   | 1  | 0.22   | 2.44       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-38-2 | Arsenic    | 3.06  | N    | 1  | 0.19   | 0.98       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-39-3 | Barium     | 125   |      | 1  | 0.71   | 4.88       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-41-7 | Beryllium  | 1.25  | N    | 1  | 0.024  | 0.29       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-42-8 | Boron      | 7.57  | N*   | 1  | 0.78   | 4.88       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-43-9 | Cadmium    | 0.55  | *    | 1  | 0.023  | 0.29       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-47-3 | Chromium   | 30.9  | N    | 1  | 0.046  | 0.49       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-48-4 | Cobalt     | 19.2  |      | 1  | 0.098  | 1.46       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-50-8 | Copper     | 22.2  |      | 1  | 0.22   | 0.98       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7439-89-6 | Iron       | 23500 |      | 1  | 3.89   | 4.88       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7439-92-1 | Lead       | 23.9  |      | 1  | 0.13   | 0.59       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7439-96-5 | Manganese  | 409   |      | 1  | 0.14   | 0.98       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7439-97-6 | Mercury    | 0.013 | J    | 1  | 0.0080 | 0.015      | mg/Kg             | 04/23/25 15:15 | 04/24/25 09:01 | SW7471B  |           |
| 7439-98-7 | Molybdenum | 5.21  | JN   | 1  | 0.79   | 9.76       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-02-0 | Nickel     | 25.0  |      | 1  | 0.13   | 1.95       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7782-49-2 | Selenium   | 0.25  | UN   | 1  | 0.25   | 0.98       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-22-4 | Silver     | 0.26  | JN   | 1  | 0.12   | 0.49       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-28-0 | Thallium   | 0.22  | U    | 1  | 0.22   | 1.95       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-62-2 | Vanadium   | 49.1  |      | 1  | 0.24   | 1.95       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |
| 7440-66-6 | Zinc       | 59.9  | *    | 1  | 0.22   | 1.95       | mg/Kg             | 04/23/25 10:30 | 04/23/25 17:34 | SW6010   | SW3050    |

|               |               |                 |            |        |
|---------------|---------------|-----------------|------------|--------|
| Color Before: | Brown         | Clarity Before: | Texture:   | Medium |
| Color After:  | Yellow        | Clarity After:  | Artifacts: |        |
| Comments:     | Metals Group1 |                 |            |        |

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
 B = Analyte Found in Associated Method Blank  
 \* = indicates the duplicate analysis is not within control limits.  
 E = Indicates the reported value is estimated because of the presence of interference.  
 OR = Over Range  
 N =Spiked sample recovery not within control limits



# METAL CALIBRATION DATA

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| ICV99     | Mercury | 3.91           | 4.0        | 98            | 90 - 110                  | CV | 04/24/2025       | 08:03            | LB135540      |



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|                                       |                    |                  |              |                                                            |
|---------------------------------------|--------------------|------------------|--------------|------------------------------------------------------------|
| <b>Client:</b>                        | <u>Kleinfelder</u> | <b>SDG No.:</b>  | <u>Q1858</u> |                                                            |
| <b>Contract:</b>                      | <u>POWE02</u>      | <b>Lab Code:</b> | <u>CHEM</u>  | <b>Case No.:</b> <u>Q1858</u> <b>SAS No.:</b> <u>Q1858</u> |
| <b>Initial Calibration Source:</b>    | <u>EPA</u>         |                  |              |                                                            |
| <b>Continuing Calibration Source:</b> | <u>PLASMA-PURE</u> |                  |              |                                                            |

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CCV17     | Mercury | 5.04           | 5.0        | 101           | 90 - 110                  | CV | 04/24/2025       | 08:07            | LB135540      |
| CCV18     | Mercury | 5.02           | 5.0        | 100           | 90 - 110                  | CV | 04/24/2025       | 08:41            | LB135540      |
| CCV19     | Mercury | 5.06           | 5.0        | 101           | 90 - 110                  | CV | 04/24/2025       | 09:08            | LB135540      |
| CCV20     | Mercury | 5.05           | 5.0        | 101           | 90 - 110                  | CV | 04/24/2025       | 09:19            | LB135540      |



**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858  
**Initial Calibration Source:** EPA  
**Continuing Calibration Source:** Inorganic Ventures

| Sample ID | Analyte    | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| ICV01     | Aluminum   | 2400           | 2500       | 96            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Antimony   | 974            | 1000       | 97            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Arsenic    | 990            | 1000       | 99            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Barium     | 553            | 520        | 106           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Beryllium  | 533            | 510        | 105           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Boron      | 2470           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Cadmium    | 499            | 510        | 98            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Chromium   | 529            | 520        | 102           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Cobalt     | 539            | 520        | 104           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Copper     | 489            | 510        | 96            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Iron       | 10500          | 10000      | 105           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Lead       | 972            | 1000       | 97            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Manganese  | 517            | 520        | 100           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Molybdenum | 2600           | 2500       | 104           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Nickel     | 542            | 530        | 102           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Selenium   | 1020           | 1000       | 102           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Silver     | 242            | 250        | 97            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Thallium   | 1010           | 1000       | 102           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Vanadium   | 513            | 500        | 102           | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |
|           | Zinc       | 981            | 1000       | 98            | 90 - 110                  | P | 04/23/2025       | 15:29            | LB135538      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder SDG No.: Q1858  
Contract: POWE02 Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte    | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| LLICV01   | Aluminum   | 98.1           | 100        | 98            | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Antimony   | 53.8           | 50.0       | 108           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Arsenic    | 22.1           | 20.0       | 110           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Barium     | 91.7           | 100        | 92            | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Beryllium  | 6.01           | 6.0        | 100           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Boron      | 104            | 100        | 104           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Cadmium    | 6.11           | 6.0        | 102           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Chromium   | 9.47           | 10.0       | 95            | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Cobalt     | 29.3           | 30.0       | 98            | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Copper     | 22.3           | 20.0       | 111           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Iron       | 106            | 100        | 106           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Lead       | 12.5           | 12.0       | 104           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Manganese  | 20.1           | 20.0       | 100           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Molybdenum | 206            | 200        | 103           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Nickel     | 39.4           | 40.0       | 98            | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Selenium   | 18.5           | 20.0       | 93            | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Silver     | 10.2           | 10.0       | 102           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Thallium   | 45.6           | 40.0       | 114           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Vanadium   | 39.5           | 40.0       | 99            | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |
|           | Zinc       | 43.4           | 40.0       | 108           | 80 - 120                  | P | 04/23/2025       | 15:44            | LB135538      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder SDG No.: Q1858  
Contract: POWE02 Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte    | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV01     | Aluminum   | 9730           | 10000      | 97            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Antimony   | 5030           | 5000       | 101           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Arsenic    | 5030           | 5000       | 101           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Barium     | 9810           | 10000      | 98            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Beryllium  | 243            | 250        | 97            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Boron      | 4820           | 5000       | 96            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Cadmium    | 2470           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Chromium   | 1000           | 1000       | 100           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Cobalt     | 2470           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Copper     | 1260           | 1250       | 100           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Iron       | 5160           | 5000       | 103           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Lead       | 4970           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Manganese  | 2420           | 2500       | 97            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Molybdenum | 4990           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Nickel     | 2480           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Selenium   | 5080           | 5000       | 102           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Silver     | 1260           | 1250       | 101           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Thallium   | 4990           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Vanadium   | 2430           | 2500       | 97            | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
|           | Zinc       | 2520           | 2500       | 101           | 90 - 110                  | P | 04/23/2025       | 16:15            | LB135538      |
| CCV02     | Aluminum   | 9890           | 10000      | 99            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Antimony   | 4990           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Arsenic    | 4950           | 5000       | 99            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Barium     | 9750           | 10000      | 98            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Beryllium  | 251            | 250        | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Boron      | 5000           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Cadmium    | 2460           | 2500       | 98            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Chromium   | 1010           | 1000       | 101           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Cobalt     | 2460           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Copper     | 1250           | 1250       | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Iron       | 4950           | 5000       | 99            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Lead       | 4930           | 5000       | 99            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Manganese  | 2430           | 2500       | 97            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Molybdenum | 5010           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |

## Metals

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### INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Kleinfelder SDG No.: Q1858  
Contract: POWE02 Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte    | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV02     | Nickel     | 2470           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Selenium   | 4970           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Silver     | 1260           | 1250       | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Thallium   | 4890           | 5000       | 98            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Vanadium   | 2460           | 2500       | 98            | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
|           | Zinc       | 2510           | 2500       | 100           | 90 - 110                  | P | 04/23/2025       | 17:05            | LB135538      |
| CCV03     | Aluminum   | 9820           | 10000      | 98            | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Antimony   | 5030           | 5000       | 101           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Arsenic    | 5030           | 5000       | 101           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Barium     | 9910           | 10000      | 99            | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Beryllium  | 248            | 250        | 99            | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Boron      | 4910           | 5000       | 98            | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Cadmium    | 2510           | 2500       | 100           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Chromium   | 1020           | 1000       | 102           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Cobalt     | 2500           | 2500       | 100           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Copper     | 1260           | 1250       | 101           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Iron       | 5200           | 5000       | 104           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Lead       | 5020           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Manganese  | 2450           | 2500       | 98            | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Molybdenum | 5030           | 5000       | 101           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Nickel     | 2500           | 2500       | 100           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Selenium   | 5030           | 5000       | 101           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Silver     | 1280           | 1250       | 102           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Thallium   | 4940           | 5000       | 99            | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Vanadium   | 2480           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
|           | Zinc       | 2550           | 2500       | 102           | 90 - 110                  | P | 04/23/2025       | 17:55            | LB135538      |
| CCV04     | Aluminum   | 9860           | 10000      | 99            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Antimony   | 4990           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Arsenic    | 4980           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Barium     | 9730           | 10000      | 97            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Beryllium  | 251            | 250        | 100           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Boron      | 4950           | 5000       | 99            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Cadmium    | 2480           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Chromium   | 1010           | 1000       | 101           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |

**Metals**

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**INITIAL AND CONTINUING CALIBRATION VERIFICATION**

Client: Kleinfelder SDG No.: Q1858  
Contract: POWE02 Lab Code: CHEM Case No.: Q1858 SAS No.: Q1858  
Initial Calibration Source: EPA  
Continuing Calibration Source: Inorganic Ventures

| Sample ID | Analyte    | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------|----------------|------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CCV04     | Cobalt     | 2470           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Copper     | 1250           | 1250       | 100           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Iron       | 5070           | 5000       | 102           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Lead       | 4960           | 5000       | 99            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Manganese  | 2430           | 2500       | 97            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Molybdenum | 4990           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Nickel     | 2480           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Selenium   | 5000           | 5000       | 100           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Silver     | 1260           | 1250       | 101           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Thallium   | 4890           | 5000       | 98            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Vanadium   | 2470           | 2500       | 99            | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |
|           | Zinc       | 2520           | 2500       | 101           | 90 - 110                  | P | 04/23/2025       | 18:38            | LB135538      |



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,  
Fax : 908 789 8922

## Metals

- 2b -

### CRDL STANDARD FOR AA & ICP

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858  
**Initial Calibration Source:** \_\_\_\_\_  
**Continuing Calibration Source:** \_\_\_\_\_

| Sample ID | Analyte    | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------|----------------|--------------------|---------------|---------------------------|----|------------------|------------------|---------------|
| CRI01     | Aluminum   | 95.1           | 100                | 95            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Antimony   | 51.3           | 50.0               | 102           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Arsenic    | 20.4           | 20.0               | 102           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Barium     | 88.7           | 100                | 89            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Beryllium  | 5.75           | 6.0                | 96            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Boron      | 96.5           | 100                | 96            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Cadmium    | 6.07           | 6.0                | 101           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Chromium   | 9.31           | 10.0               | 93            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Cobalt     | 28.9           | 30.0               | 96            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Copper     | 22.7           | 20.0               | 113           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Iron       | 92.0           | 100                | 92            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Lead       | 10.1           | 12.0               | 84            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Manganese  | 20.6           | 20.0               | 103           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Molybdenum | 207            | 200                | 103           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Nickel     | 39.4           | 40.0               | 98            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Selenium   | 18.2           | 20.0               | 91            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Silver     | 9.37           | 10.0               | 94            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Thallium   | 41.5           | 40.0               | 104           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Vanadium   | 39.3           | 40.0               | 98            | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
|           | Zinc       | 42.0           | 40.0               | 105           | 40 - 160                  | P  | 04/23/2025       | 15:53            | LB135538      |
| CRA       | Mercury    | 0.24           | 0.2                | 118           | 40 - 160                  | CV | 04/24/2025       | 08:12            | LB135540      |



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Fax : 908 789 8922

**Metals**

**- 3a -**

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b>   | <u>Kleinfelder</u> |                  |                     |                  | <b>SDG No.:</b> | <u>Q1858</u>    |                  |                  |               |
|------------------|--------------------|------------------|---------------------|------------------|-----------------|-----------------|------------------|------------------|---------------|
| <b>Contract:</b> | <u>POWE02</u>      | <b>Lab Code:</b> | <u>CHEM</u>         | <b>Case No.:</b> | <u>Q1858</u>    | <b>SAS No.:</b> | <u>Q1858</u>     |                  |               |
| Sample ID        | Analyte            | Result<br>ug/L   | Acceptance<br>Limit | Conc<br>Qual     | CRQL            | M               | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| ICB99            | Mercury            | 0.20             | +/-0.20             | U                | 0.20            | CV              | 04/24/2025       | 08:05            | LB135540      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M  | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|---------------------|--------------|------|----|------------------|------------------|---------------|
| CCB17     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/24/2025       | 08:10            | LB135540      |
| CCB18     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/24/2025       | 08:43            | LB135540      |
| CCB19     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/24/2025       | 09:10            | LB135540      |
| CCB20     | Mercury | 0.20           | +/-0.20             | U            | 0.20 | CV | 04/24/2025       | 09:22            | LB135540      |



**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

| Sample ID | Analyte    | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|------------|----------------|---------------------|--------------|------|---|------------------|------------------|---------------|
| ICB01     | Aluminum   | 100            | +/-100              | U            | 100  | P | 04/23/2025       | 15:49            | LB135538      |
|           | Antimony   | 50.0           | +/-50.0             | U            | 50.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Arsenic    | 20.0           | +/-20.0             | U            | 20.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Barium     | 100            | +/-100              | U            | 100  | P | 04/23/2025       | 15:49            | LB135538      |
|           | Beryllium  | 6.00           | +/-6.00             | U            | 6.00 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Boron      | 100            | +/-100              | U            | 100  | P | 04/23/2025       | 15:49            | LB135538      |
|           | Cadmium    | 6.00           | +/-6.00             | U            | 6.00 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Chromium   | 10.0           | +/-10.0             | U            | 10.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Cobalt     | 30.0           | +/-30.0             | U            | 30.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Copper     | 20.0           | +/-20.0             | U            | 20.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Iron       | 100            | +/-100              | U            | 100  | P | 04/23/2025       | 15:49            | LB135538      |
|           | Lead       | 12.0           | +/-12.0             | U            | 12.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Manganese  | 20.0           | +/-20.0             | U            | 20.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Molybdenum | 200            | +/-200              | U            | 200  | P | 04/23/2025       | 15:49            | LB135538      |
|           | Nickel     | 40.0           | +/-40.0             | U            | 40.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Selenium   | 20.0           | +/-20.0             | U            | 20.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Silver     | 10.0           | +/-10.0             | U            | 10.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Thallium   | 40.0           | +/-40.0             | U            | 40.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Vanadium   | 40.0           | +/-40.0             | U            | 40.0 | P | 04/23/2025       | 15:49            | LB135538      |
|           | Zinc       | 40.0           | +/-40.0             | U            | 40.0 | P | 04/23/2025       | 15:49            | LB135538      |

## Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

| <b>Client:</b> <u>Kleinfelder</u> |                              | <b>SDG No.:</b> <u>Q1858</u>  |                              |              |      |   |                  |                  |               |
|-----------------------------------|------------------------------|-------------------------------|------------------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>CHEM</u> | <b>Case No.:</b> <u>Q1858</u> | <b>SAS No.:</b> <u>Q1858</u> |              |      |   |                  |                  |               |
| Sample ID                         | Analyte                      | Result<br>ug/L                | Acceptance<br>Limit          | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB01                             | Aluminum                     | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Antimony                     | 50.0                          | +/-50.0                      | U            | 50.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Arsenic                      | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Barium                       | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Beryllium                    | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Boron                        | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Cadmium                      | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Chromium                     | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Cobalt                       | 30.0                          | +/-30.0                      | U            | 30.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Copper                       | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Iron                         | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Lead                         | 12.0                          | +/-12.0                      | U            | 12.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Manganese                    | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Molybdenum                   | 200                           | +/-200                       | U            | 200  | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Nickel                       | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Selenium                     | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Silver                       | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Thallium                     | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Vanadium                     | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 16:19            | LB135538      |
|                                   | Zinc                         | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 16:19            | LB135538      |
| CCB02                             | Aluminum                     | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Antimony                     | 50.0                          | +/-50.0                      | U            | 50.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Arsenic                      | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Barium                       | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Beryllium                    | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Boron                        | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Cadmium                      | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Chromium                     | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Cobalt                       | 30.0                          | +/-30.0                      | U            | 30.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Copper                       | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Iron                         | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Lead                         | 12.0                          | +/-12.0                      | U            | 12.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Manganese                    | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Molybdenum                   | 200                           | +/-200                       | U            | 200  | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Nickel                       | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Selenium                     | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Silver                       | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Thallium                     | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:09            | LB135538      |
|                                   | Vanadium                     | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:09            | LB135538      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> <u>Kleinfelder</u> |                              | <b>SDG No.:</b> <u>Q1858</u>  |                              |              |      |   |                  |                  |               |
|-----------------------------------|------------------------------|-------------------------------|------------------------------|--------------|------|---|------------------|------------------|---------------|
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>CHEM</u> | <b>Case No.:</b> <u>Q1858</u> | <b>SAS No.:</b> <u>Q1858</u> |              |      |   |                  |                  |               |
| Sample ID                         | Analyte                      | Result<br>ug/L                | Acceptance<br>Limit          | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB02                             | Zinc                         | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:09            | LB135538      |
| CCB03                             | Aluminum                     | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Antimony                     | 50.0                          | +/-50.0                      | U            | 50.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Arsenic                      | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Barium                       | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Beryllium                    | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Boron                        | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Cadmium                      | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Chromium                     | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Cobalt                       | 30.0                          | +/-30.0                      | U            | 30.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Copper                       | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Iron                         | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Lead                         | 12.0                          | +/-12.0                      | U            | 12.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Manganese                    | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Molybdenum                   | 200                           | +/-200                       | U            | 200  | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Nickel                       | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Selenium                     | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Silver                       | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Thallium                     | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Vanadium                     | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:59            | LB135538      |
|                                   | Zinc                         | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 17:59            | LB135538      |
| CCB04                             | Aluminum                     | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Antimony                     | 50.0                          | +/-50.0                      | U            | 50.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Arsenic                      | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Barium                       | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Beryllium                    | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Boron                        | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Cadmium                      | 6.00                          | +/-6.00                      | U            | 6.00 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Chromium                     | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Cobalt                       | 30.0                          | +/-30.0                      | U            | 30.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Copper                       | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Iron                         | 100                           | +/-100                       | U            | 100  | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Lead                         | 12.0                          | +/-12.0                      | U            | 12.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Manganese                    | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Molybdenum                   | 200                           | +/-200                       | U            | 200  | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Nickel                       | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Selenium                     | 20.0                          | +/-20.0                      | U            | 20.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Silver                       | 10.0                          | +/-10.0                      | U            | 10.0 | P | 04/23/2025       | 18:42            | LB135538      |
|                                   | Thallium                     | 40.0                          | +/-40.0                      | U            | 40.0 | P | 04/23/2025       | 18:42            | LB135538      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

| <b>Client:</b> <u>Kleinfelder</u> |               | <b>SDG No.:</b> <u>Q1858</u> |                     |                  |              |                 |                  |                  |               |
|-----------------------------------|---------------|------------------------------|---------------------|------------------|--------------|-----------------|------------------|------------------|---------------|
| <b>Contract:</b>                  | <u>POWE02</u> | <b>Lab Code:</b>             | <u>CHEM</u>         | <b>Case No.:</b> | <u>Q1858</u> | <b>SAS No.:</b> | <u>Q1858</u>     |                  |               |
| Sample ID                         | Analyte       | Result<br>ug/L               | Acceptance<br>Limit | Conc<br>Qual     | CRQL         | M               | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
| CCB04                             | Vanadium      | 40.0                         | +/-40.0             | U                | 40.0         | P               | 04/23/2025       | 18:42            | LB135538      |
|                                   | Zinc          | 40.0                         | +/-40.0             | U                | 40.0         | P               | 04/23/2025       | 18:42            | LB135538      |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Kleinfelder

**SDG No.:** Q1858

**Instrument:** CV1

| Sample ID         | Analyte | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M  | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|-------------------|---------------------|----------------------|-----------------|----|-------------------|-------------------|----------|
| <b>PB167718BL</b> |         | <b>SOLID</b>      |                     | <b>Batch Number:</b> | <b>PB167718</b> |    | <b>Prep Date:</b> | <b>04/23/2025</b> |          |
|                   | Mercury | 0.013             | <0.013              | U                    | 0.013           | CV | 04/24/2025        | 08:22             | LB135540 |

**Metals**  
**- 3b -**  
**PREPARATION BLANK SUMMARY**

**Client:** Kleinfelder

**SDG No.:** Q1858

**Instrument:** P4

| Sample ID         | Analyte      | Result<br>(mg/Kg) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>mg/Kg   | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|--------------|-------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB167713BL</b> | <b>SOLID</b> |                   |                     | <b>Batch Number:</b> | <b>PB167713</b> |   | <b>Prep Date:</b> | <b>04/23/2025</b> |          |
|                   | Aluminum     | 4.98              | <4.98               | U                    | 4.98            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Antimony     | 2.49              | <2.49               | U                    | 2.49            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Arsenic      | 1.00              | <1.00               | U                    | 1.00            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Barium       | 4.98              | <4.98               | U                    | 4.98            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Beryllium    | 0.30              | <0.30               | U                    | 0.30            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Boron        | 4.98              | <4.98               | U                    | 4.98            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Cadmium      | 0.30              | <0.30               | U                    | 0.30            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Chromium     | 0.50              | <0.50               | U                    | 0.50            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Cobalt       | 1.49              | <1.49               | U                    | 1.49            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Copper       | 1.00              | <1.00               | U                    | 1.00            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Iron         | 4.98              | <4.98               | U                    | 4.98            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Lead         | 0.60              | <0.60               | U                    | 0.60            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Manganese    | 1.00              | <1.00               | U                    | 1.00            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Molybdenum   | 9.95              | <9.95               | U                    | 9.95            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Nickel       | 1.99              | <1.99               | U                    | 1.99            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Selenium     | 1.00              | <1.00               | U                    | 1.00            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Silver       | 0.50              | <0.50               | U                    | 0.50            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Thallium     | 1.99              | <1.99               | U                    | 1.99            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Vanadium     | 1.99              | <1.99               | U                    | 1.99            | P | 04/23/2025        | 16:23             | LB135538 |
|                   | Zinc         | 1.99              | <1.99               | U                    | 1.99            | P | 04/23/2025        | 16:23             | LB135538 |

**Metals**  
- 4 -  
**INTERFERENCE CHECK SAMPLE**

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858  
**ICS Source:** EPA **Instrument ID:** P4

| Sample ID      | Analyte    | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|----------------|------------|----------------|--------------------|---------------|------------------------|-------------------------|------------------|------------------|---------------|
| <b>ICSA01</b>  | Aluminum   | 230000         | 255000             | 90            | 216000                 | 294000                  | 04/23/2025       | 15:58            | LB135538      |
|                | Antimony   | -2.40          |                    |               | -50                    | 50                      | 04/23/2025       | 15:58            | LB135538      |
|                | Arsenic    | 3.98           |                    |               | -20                    | 20                      | 04/23/2025       | 15:58            | LB135538      |
|                | Barium     | 2.89           | 6.0                | 48            | -94                    | 106                     | 04/23/2025       | 15:58            | LB135538      |
|                | Beryllium  | 0.51           |                    |               | -6                     | 6                       | 04/23/2025       | 15:58            | LB135538      |
|                | Boron      | 35.2           | 1000               | 4             | -100                   | 100                     | 04/23/2025       | 15:58            | LB135538      |
|                | Cadmium    | -2.92          | 1.0                | 292           | -5                     | 7                       | 04/23/2025       | 15:58            | LB135538      |
|                | Chromium   | 53.1           | 52.0               | 102           | 42                     | 62                      | 04/23/2025       | 15:58            | LB135538      |
|                | Cobalt     | 0.76           |                    |               | -30                    | 30                      | 04/23/2025       | 15:58            | LB135538      |
|                | Copper     | 5.71           | 2.0                | 286           | -18                    | 22                      | 04/23/2025       | 15:58            | LB135538      |
|                | Iron       | 94900          | 101000             | 94            | 85600                  | 116500                  | 04/23/2025       | 15:58            | LB135538      |
|                | Lead       | -1.66          |                    |               | -12                    | 12                      | 04/23/2025       | 15:58            | LB135538      |
|                | Manganese  | 2.40           | 7.0                | 34            | -13                    | 27                      | 04/23/2025       | 15:58            | LB135538      |
|                | Molybdenum | 0.20           | 1000               |               | -200                   | 200                     | 04/23/2025       | 15:58            | LB135538      |
|                | Nickel     | 1.73           | 2.0                | 86            | -38                    | 42                      | 04/23/2025       | 15:58            | LB135538      |
|                | Selenium   | -1.75          |                    |               | -20                    | 20                      | 04/23/2025       | 15:58            | LB135538      |
|                | Silver     | 1.29           |                    |               | -10                    | 10                      | 04/23/2025       | 15:58            | LB135538      |
|                | Thallium   | 9.27           |                    |               | -40                    | 40                      | 04/23/2025       | 15:58            | LB135538      |
|                | Vanadium   | 2.62           |                    |               | -40                    | 40                      | 04/23/2025       | 15:58            | LB135538      |
|                | Zinc       | 3.65           |                    |               | -40                    | 40                      | 04/23/2025       | 15:58            | LB135538      |
| <b>ICSAB01</b> | Aluminum   | 230000         | 247000             | 93            | 209000                 | 285000                  | 04/23/2025       | 16:02            | LB135538      |
|                | Antimony   | 619            | 618                | 100           | 525                    | 711                     | 04/23/2025       | 16:02            | LB135538      |
|                | Arsenic    | 111            | 104                | 107           | 88.4                   | 120                     | 04/23/2025       | 16:02            | LB135538      |
|                | Barium     | 466            | 537                | 87            | 437                    | 637                     | 04/23/2025       | 16:02            | LB135538      |
|                | Beryllium  | 469            | 495                | 95            | 420                    | 570                     | 04/23/2025       | 16:02            | LB135538      |
|                | Boron      | 950            | 1000               | 95            | 850                    | 1150                    | 04/23/2025       | 16:02            | LB135538      |
|                | Cadmium    | 1000           | 972                | 103           | 826                    | 1120                    | 04/23/2025       | 16:02            | LB135538      |
|                | Chromium   | 547            | 542                | 101           | 460                    | 624                     | 04/23/2025       | 16:02            | LB135538      |
|                | Cobalt     | 489            | 476                | 103           | 404                    | 548                     | 04/23/2025       | 16:02            | LB135538      |
|                | Copper     | 480            | 511                | 94            | 434                    | 588                     | 04/23/2025       | 16:02            | LB135538      |
|                | Iron       | 97700          | 99300              | 98            | 84400                  | 114500                  | 04/23/2025       | 16:02            | LB135538      |
|                | Lead       | 45.3           | 49.0               | 92            | 37                     | 61                      | 04/23/2025       | 16:02            | LB135538      |
|                | Manganese  | 463            | 507                | 91            | 430                    | 584                     | 04/23/2025       | 16:02            | LB135538      |
|                | Molybdenum | 1030           | 1000               | 103           | 850                    | 1150                    | 04/23/2025       | 16:02            | LB135538      |
|                | Nickel     | 971            | 954                | 102           | 810                    | 1100                    | 04/23/2025       | 16:02            | LB135538      |
|                | Selenium   | 48.0           | 46.0               | 104           | 26                     | 66                      | 04/23/2025       | 16:02            | LB135538      |
|                | Silver     | 178            | 201                | 89            | 170                    | 232                     | 04/23/2025       | 16:02            | LB135538      |
|                | Thallium   | 107            | 108                | 99            | 68                     | 148                     | 04/23/2025       | 16:02            | LB135538      |
|                | Vanadium   | 455            | 491                | 93            | 417                    | 565                     | 04/23/2025       | 16:02            | LB135538      |
|                | Zinc       | 1030           | 952                | 108           | 809                    | 1095                    | 04/23/2025       | 16:02            | LB135538      |



# METAL QC DATA



metals  
- 5a -  
**MATRIX SPIKE SUMMARY**

**client:** Kleinfelder **level:** low **sdg no.:** Q1858  
**contract:** POWE02 **lab code:** CHEM **case no.:** Q1858 **sas no.:** Q1858  
**matrix:** Solid **sample id:** Q1852-01 **client id:** ETGI-354MS  
**Percent Solids for Sample:** 92.5 **Spiked ID:** Q1852-01MS **Percent Solids for Spike Sample:** 92.5

| Analyte | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 0.26             |   | 0.014            | U | 0.27           | 97            |      | CV |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

|                                               |                                      |                                                            |
|-----------------------------------------------|--------------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>Kleinfelder</u>             | <b>level:</b> <u>low</u>             | <b>sdg no.:</b> <u>Q1858</u>                               |
| <b>contract:</b> <u>POWE02</u>                | <b>lab code:</b> <u>CHEM</u>         | <b>case no.:</b> <u>Q1858</u> <b>sas no.:</b> <u>Q1858</u> |
| <b>matrix:</b> <u>Solid</u>                   | <b>sample id:</b> <u>Q1852-01</u>    | <b>client id:</b> <u>ETGI-354MSD</u>                       |
| <b>Percent Solids for Sample:</b> <u>92.5</u> | <b>Spiked ID:</b> <u>Q1852-01MSD</u> | <b>Percent Solids for Spike Sample:</b> <u>92.5</u>        |

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M  |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|----|
| Mercury | mg/Kg | 80 - 120               | 0.24          |   | 0.014            | U | 0.27           | 90            |      | CV |

**metals**  
**- 5a -**  
**MATRIX SPIKE SUMMARY**

|                                        |                                   |                                                            |
|----------------------------------------|-----------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>Kleinfelder</u>      | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q1858</u>                               |
| <b>contract:</b> <u>POWE02</u>         | <b>lab code:</b> <u>CHEM</u>      | <b>case no.:</b> <u>Q1858</u> <b>sas no.:</b> <u>Q1858</u> |
| <b>matrix:</b> <u>Solid</u>            | <b>sample id:</b> <u>Q1858-01</u> | <b>client id:</b> <u>COMP-1MS</u>                          |
| <b>Percent Solids for Sample:</b> 83.9 | <b>Spiked ID:</b> Q1858-01MS      | <b>Percent Solids for Spike Sample:</b> 83.9               |

| Analyte    | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|------------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum   | mg/Kg | 75 - 125               | 22800            |   | 24600            |   | 110            | -1658         |      | P |
| Antimony   | mg/Kg | 75 - 125               | 9.38             |   | 2.82             | U | 43.9           | 21            | N    | P |
| Arsenic    | mg/Kg | 75 - 125               | 31.2             |   | 5.92             |   | 43.9           | 58            | N    | P |
| Barium     | mg/Kg | 75 - 125               | 151              |   | 146              |   | 11.0           | 48            |      | P |
| Beryllium  | mg/Kg | 75 - 125               | 8.03             |   | 2.29             |   | 11.0           | 52            | N    | P |
| Boron      | mg/Kg | 75 - 125               | 20.8             |   | 14.1             |   | 16.5           | 41            | N    | P |
| Cadmium    | mg/Kg | 75 - 125               | 13.3             |   | 3.68             |   | 11.0           | 88            |      | P |
| Chromium   | mg/Kg | 75 - 125               | 61.1             |   | 57.6             |   | 22.0           | 16            | N    | P |
| Cobalt     | mg/Kg | 75 - 125               | 43.4             |   | 34.6             |   | 11.0           | 80            |      | P |
| Copper     | mg/Kg | 75 - 125               | 76.9             |   | 71.3             |   | 16.5           | 34            |      | P |
| Iron       | mg/Kg | 75 - 125               | 39600            |   | 45400            |   | 160            | -3618         |      | P |
| Lead       | mg/Kg | 75 - 125               | 71.9             |   | 24.7             |   | 54.9           | 86            |      | P |
| Manganese  | mg/Kg | 75 - 125               | 362              |   | 401              |   | 11.0           | -348          |      | P |
| Molybdenum | mg/Kg | 75 - 125               | 19.6             |   | 7.80             | J | 22.0           | 54            | N    | P |
| Nickel     | mg/Kg | 75 - 125               | 58.8             |   | 35.3             |   | 27.5           | 86            |      | P |
| Selenium   | mg/Kg | 75 - 125               | 60.2             |   | 1.13             | U | 110            | 55            | N    | P |
| Silver     | mg/Kg | 75 - 125               | 3.19             |   | 0.65             |   | 4.1            | 62            | N    | P |
| Thallium   | mg/Kg | 75 - 125               | 90.4             |   | 2.26             | U | 110            | 82            |      | P |
| Vanadium   | mg/Kg | 75 - 125               | 120              |   | 124              |   | 16.5           | -27           |      | P |
| Zinc       | mg/Kg | 75 - 125               | 93.3             |   | 92.7             |   | 11.0           | 5             |      | P |

**metals**  
**- 5a -**  
**MATRIX SPIKE DUPLICATE SUMMARY**

|                                        |                                   |                                                            |
|----------------------------------------|-----------------------------------|------------------------------------------------------------|
| <b>client:</b> <u>Kleinfelder</u>      | <b>level:</b> <u>low</u>          | <b>sdg no.:</b> <u>Q1858</u>                               |
| <b>contract:</b> <u>POWE02</u>         | <b>lab code:</b> <u>CHEM</u>      | <b>case no.:</b> <u>Q1858</u> <b>sas no.:</b> <u>Q1858</u> |
| <b>matrix:</b> <u>Solid</u>            | <b>sample id:</b> <u>Q1858-01</u> | <b>client id:</b> <u>COMP-1MSD</u>                         |
| <b>Percent Solids for Sample:</b> 83.9 | <b>Spiked ID:</b> Q1858-01MSD     | <b>Percent Solids for Spike Sample:</b> 83.9               |

| Analyte    | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|------------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Aluminum   | mg/Kg | 75 - 125               | 23100         |   | 24600            |   | 110            | -1327         |      | P |
| Antimony   | mg/Kg | 75 - 125               | 10.2          |   | 2.82             | U | 45.2           | 22            | N    | P |
| Arsenic    | mg/Kg | 75 - 125               | 32.7          |   | 5.92             |   | 45.2           | 59            | N    | P |
| Barium     | mg/Kg | 75 - 125               | 154           |   | 146              |   | 11.3           | 73            |      | P |
| Beryllium  | mg/Kg | 75 - 125               | 8.20          |   | 2.29             |   | 11.3           | 52            | N    | P |
| Boron      | mg/Kg | 75 - 125               | 26.5          |   | 14.1             |   | 16.9           | 73            | N    | P |
| Cadmium    | mg/Kg | 75 - 125               | 13.1          |   | 3.68             |   | 11.3           | 83            |      | P |
| Chromium   | mg/Kg | 75 - 125               | 63.0          |   | 57.6             |   | 22.6           | 24            | N    | P |
| Cobalt     | mg/Kg | 75 - 125               | 44.4          |   | 34.6             |   | 11.3           | 87            |      | P |
| Copper     | mg/Kg | 75 - 125               | 82.9          |   | 71.3             |   | 16.9           | 69            |      | P |
| Iron       | mg/Kg | 75 - 125               | 41700         |   | 45400            |   | 170            | -2183         |      | P |
| Lead       | mg/Kg | 75 - 125               | 76.2          |   | 24.7             |   | 56.5           | 91            |      | P |
| Manganese  | mg/Kg | 75 - 125               | 408           |   | 401              |   | 11.3           | 69            |      | P |
| Molybdenum | mg/Kg | 75 - 125               | 21.8          |   | 7.80             | J | 22.6           | 62            | N    | P |
| Nickel     | mg/Kg | 75 - 125               | 59.4          |   | 35.3             |   | 28.2           | 85            |      | P |
| Selenium   | mg/Kg | 75 - 125               | 63.4          |   | 1.13             | U | 110            | 58            | N    | P |
| Silver     | mg/Kg | 75 - 125               | 3.50          |   | 0.65             |   | 4.2            | 68            | N    | P |
| Thallium   | mg/Kg | 75 - 125               | 93.2          |   | 2.26             | U | 110            | 85            |      | P |
| Vanadium   | mg/Kg | 75 - 125               | 120           |   | 124              |   | 16.9           | -27           |      | P |
| Zinc       | mg/Kg | 75 - 125               | 165           |   | 92.7             |   | 11.3           | 642           |      | P |

**Metals**  
**- 5b -**  
**POST DIGEST SPIKE SUMMARY**

|                                   |                                    |                                                            |
|-----------------------------------|------------------------------------|------------------------------------------------------------|
| <b>Client:</b> <u>Kleinfelder</u> | <b>SDG No.:</b> <u>Q1858</u>       |                                                            |
| <b>Contract:</b> <u>POWE02</u>    | <b>Lab Code:</b> <u>CHEM</u>       | <b>Case No.:</b> <u>Q1858</u> <b>SAS No.:</b> <u>Q1858</u> |
| <b>Matrix:</b> <u>Solid</u>       | <b>Level:</b> <u>LOW</u>           | <b>Client ID:</b> <u>COMP-1A</u>                           |
| <b>Sample ID:</b> <u>Q1858-01</u> | <b>Spiked ID:</b> <u>Q1858-01A</u> |                                                            |

| Analyte    | Units | Acceptance<br>Limit %R | Spiked<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|------------|-------|------------------------|------------------|---|------------------|---|----------------|---------------|------|---|
| Antimony   | mg/Kg | 75 - 125               | 9.69             |   | 2.82             | U | 45.2           | 21            |      | P |
| Arsenic    | mg/Kg | 75 - 125               | 31.8             |   | 5.92             |   | 45.2           | 57            |      | P |
| Beryllium  | mg/Kg | 75 - 125               | 8.77             |   | 2.29             |   | 11.3           | 57            |      | P |
| Boron      | mg/Kg | 75 - 125               | 20.6             |   | 14.1             |   | 16.9           | 39            |      | P |
| Chromium   | mg/Kg | 75 - 125               | 63.0             |   | 57.6             |   | 22.6           | 24            |      | P |
| Molybdenum | mg/Kg | 75 - 125               | 21.2             |   | 7.80             | J | 22.6           | 59            |      | P |
| Selenium   | mg/Kg | 75 - 125               | 60.7             |   | 1.13             | U | 110            | 55            |      | P |
| Silver     | mg/Kg | 75 - 125               | 2.96             |   | 0.65             |   | 4.20           | 55            |      | P |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                    |                     |                 |                                         |                    |
|-----------------------------------|--------------------|---------------------|-----------------|-----------------------------------------|--------------------|
| <b>Client:</b>                    | <u>Kleinfelder</u> | <b>Level:</b>       | <u>LOW</u>      | <b>SDG No.:</b>                         | <u>Q1858</u>       |
| <b>Contract:</b>                  | <u>POWE02</u>      | <b>Lab Code:</b>    | <u>CHEM</u>     | <b>Case No.:</b>                        | <u>Q1858</u>       |
| <b>Matrix:</b>                    | <u>Solid</u>       | <b>Sample ID:</b>   | <u>Q1852-01</u> | <b>Client ID:</b>                       | <u>ETGI-354DUP</u> |
| <b>Percent Solids for Sample:</b> | 92.5               | <b>Duplicate ID</b> | Q1852-01DUP     | <b>Percent Solids for Spike Sample:</b> | 92.5               |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | mg/Kg | 20               | 0.014         | U | 0.013            | U |     |      | CV |

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                    |                     |                   |                                         |                    |
|-----------------------------------|--------------------|---------------------|-------------------|-----------------------------------------|--------------------|
| <b>Client:</b>                    | <u>Kleinfelder</u> | <b>Level:</b>       | <u>LOW</u>        | <b>SDG No.:</b>                         | <u>Q1858</u>       |
| <b>Contract:</b>                  | <u>POWE02</u>      | <b>Lab Code:</b>    | <u>CHEM</u>       | <b>Case No.:</b>                        | <u>Q1858</u>       |
| <b>Matrix:</b>                    | <u>Solid</u>       | <b>Sample ID:</b>   | <u>Q1852-01MS</u> | <b>Client ID:</b>                       | <u>ETGI-354MSD</u> |
| <b>Percent Solids for Sample:</b> | 92.5               | <b>Duplicate ID</b> | Q1852-01MSD       | <b>Percent Solids for Spike Sample:</b> | 92.5               |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M  |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|----|
| Mercury | mg/Kg | 20               | 0.26          |   | 0.24             |   | 7   |      | CV |

**Metals**

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**DUPLICATE SAMPLE SUMMARY**

**Client:** Kleinfelder **Level:** LOW **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858  
**Matrix:** Solid **Sample ID:** Q1858-01 **Client ID:** COMP-1DUP  
**Percent Solids for Sample:** 83.9 **Duplicate ID** Q1858-01DUP **Percent Solids for Spike Sample:** 83.9

| Analyte    | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|------------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum   | mg/Kg | 20               | 24600         |   | 22800            |   | 8   |      | P |
| Antimony   | mg/Kg | 20               | 2.82          | U | 2.77             | U |     |      | P |
| Arsenic    | mg/Kg | 20               | 5.92          |   | 5.61             |   | 5   |      | P |
| Barium     | mg/Kg | 20               | 146           |   | 138              |   | 6   |      | P |
| Beryllium  | mg/Kg | 20               | 2.29          |   | 1.89             |   | 19  |      | P |
| Boron      | mg/Kg | 20               | 14.1          |   | 16.8             |   | 17  |      | P |
| Cadmium    | mg/Kg | 20               | 3.68          |   | 2.74             |   | 29  | *    | P |
| Chromium   | mg/Kg | 20               | 57.6          |   | 50.4             |   | 13  |      | P |
| Cobalt     | mg/Kg | 20               | 34.6          |   | 31.6             |   | 9   |      | P |
| Copper     | mg/Kg | 20               | 71.3          |   | 64.0             |   | 11  |      | P |
| Iron       | mg/Kg | 20               | 45400         |   | 42000            |   | 8   |      | P |
| Lead       | mg/Kg | 20               | 24.7          |   | 25.1             |   | 2   |      | P |
| Manganese  | mg/Kg | 20               | 401           |   | 366              |   | 9   |      | P |
| Molybdenum | mg/Kg | 20               | 7.80          | J | 7.77             | J | 0   |      | P |
| Nickel     | mg/Kg | 20               | 35.3          |   | 33.9             |   | 4   |      | P |
| Selenium   | mg/Kg | 20               | 1.13          | U | 1.11             | U |     |      | P |
| Silver     | mg/Kg | 20               | 0.65          |   | 0.85             |   | 26  |      | P |
| Thallium   | mg/Kg | 20               | 2.26          | U | 2.22             | U |     |      | P |
| Vanadium   | mg/Kg | 20               | 124           |   | 109              |   | 13  |      | P |
| Zinc       | mg/Kg | 20               | 92.7          |   | 88.6             |   | 5   |      | P |



# Metals

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## DUPLICATE SAMPLE SUMMARY

**Client:** Kleinfelder **Level:** LOW **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858  
**Matrix:** Solid **Sample ID:** Q1858-01MS **Client ID:** COMP-1MSD  
**Percent Solids for Sample:** 83.9 **Duplicate ID** Q1858-01MSD **Percent Solids for Spike Sample:** 83.9

| Analyte    | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|------------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Aluminum   | mg/Kg | 20               | 22800         |   | 23100            |   | 1   |      | P |
| Antimony   | mg/Kg | 20               | 9.38          |   | 10.2             |   | 8   |      | P |
| Arsenic    | mg/Kg | 20               | 31.2          |   | 32.7             |   | 5   |      | P |
| Barium     | mg/Kg | 20               | 151           |   | 154              |   | 2   |      | P |
| Beryllium  | mg/Kg | 20               | 8.03          |   | 8.20             |   | 2   |      | P |
| Boron      | mg/Kg | 20               | 20.8          |   | 26.5             |   | 24  | *    | P |
| Cadmium    | mg/Kg | 20               | 13.3          |   | 13.1             |   | 2   |      | P |
| Chromium   | mg/Kg | 20               | 61.1          |   | 63.0             |   | 3   |      | P |
| Cobalt     | mg/Kg | 20               | 43.4          |   | 44.4             |   | 2   |      | P |
| Copper     | mg/Kg | 20               | 76.9          |   | 82.9             |   | 8   |      | P |
| Iron       | mg/Kg | 20               | 39600         |   | 41700            |   | 5   |      | P |
| Lead       | mg/Kg | 20               | 71.9          |   | 76.2             |   | 6   |      | P |
| Manganese  | mg/Kg | 20               | 362           |   | 408              |   | 12  |      | P |
| Molybdenum | mg/Kg | 20               | 19.6          |   | 21.8             |   | 11  |      | P |
| Nickel     | mg/Kg | 20               | 58.8          |   | 59.4             |   | 1   |      | P |
| Selenium   | mg/Kg | 20               | 60.2          |   | 63.4             |   | 5   |      | P |
| Silver     | mg/Kg | 20               | 3.19          |   | 3.50             |   | 9   |      | P |
| Thallium   | mg/Kg | 20               | 90.4          |   | 93.2             |   | 3   |      | P |
| Vanadium   | mg/Kg | 20               | 120           |   | 120              |   | 0   |      | P |
| Zinc       | mg/Kg | 20               | 93.3          |   | 165              |   | 56  | *    | P |

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

| Analyte    | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB167713BS |       |            |        |   |               |                      |   |
| Aluminum   | mg/Kg | 92.6       | 87.2   |   | 94            | 80 - 120             | P |
| Antimony   | mg/Kg | 37.0       | 39.1   |   | 106           | 80 - 120             | P |
| Arsenic    | mg/Kg | 37.0       | 37.8   |   | 102           | 80 - 120             | P |
| Barium     | mg/Kg | 9.3        | 8.71   |   | 94            | 80 - 120             | P |
| Beryllium  | mg/Kg | 9.3        | 8.62   |   | 93            | 80 - 120             | P |
| Boron      | mg/Kg | 13.9       | 12.8   |   | 92            | 80 - 120             | P |
| Cadmium    | mg/Kg | 9.3        | 9.35   |   | 100           | 80 - 120             | P |
| Chromium   | mg/Kg | 18.5       | 18.7   |   | 101           | 80 - 120             | P |
| Cobalt     | mg/Kg | 9.3        | 9.05   |   | 97            | 80 - 120             | P |
| Copper     | mg/Kg | 13.9       | 14.2   |   | 102           | 80 - 120             | P |
| Iron       | mg/Kg | 140        | 146    |   | 104           | 80 - 120             | P |
| Lead       | mg/Kg | 46.3       | 46.3   |   | 100           | 80 - 120             | P |
| Manganese  | mg/Kg | 9.3        | 9.15   |   | 98            | 80 - 120             | P |
| Molybdenum | mg/Kg | 18.5       | 19.6   |   | 106           | 80 - 120             | P |
| Nickel     | mg/Kg | 23.1       | 22.8   |   | 99            | 80 - 120             | P |
| Selenium   | mg/Kg | 92.6       | 95.4   |   | 103           | 80 - 120             | P |
| Silver     | mg/Kg | 3.5        | 3.49   |   | 100           | 80 - 120             | P |
| Thallium   | mg/Kg | 92.6       | 93.4   |   | 101           | 80 - 120             | P |
| Vanadium   | mg/Kg | 13.9       | 13.4   |   | 96            | 80 - 120             | P |
| Zinc       | mg/Kg | 9.3        | 9.55   |   | 103           | 80 - 120             | P |

**Metals**

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**LABORATORY CONTROL SAMPLE SUMMARY**

**Client:** Kleinfelder **SDG No.:** Q1858  
**Contract:** POWE02 **Lab Code:** CHEM **Case No.:** Q1858 **SAS No.:** Q1858

| Analyte               | Units | True Value | Result | C | %<br>Recovery | Acceptance<br>Limits | M  |
|-----------------------|-------|------------|--------|---|---------------|----------------------|----|
| PB167718BS<br>Mercury | mg/Kg | 0.26       | 0.25   |   | 94            | 80 - 120             | CV |

**Metals**  
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**ICP SERIAL DILUTIONS**

**SAMPLE NO.**

ETGI-354L

**Lab Name:** Chemtech Consulting Group **Contract:** POWE02  
**Lab Code:** CHEM **Lb No.:** lb135540 **Lab Sample ID :** Q1852-01L **SDG No.:** Q1858  
**Matrix (soil/water):** Solid **Level (low/med):** LOW  
**Concentration Units:** mg/Kg

| Analyte | Initial Sample<br>Result (I) | Serial Dilution<br>Result (S) | % Differ-<br>ence | Q | M  |
|---------|------------------------------|-------------------------------|-------------------|---|----|
| Mercury | 0.014 U                      | 0.070 U                       |                   |   | CV |

**Metals**  
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**ICP SERIAL DILUTIONS**

SAMPLE NO.

COMP-1L

Lab Name: Chemtech Consulting Group

Contract: POWE02

Lab Code: CHEM Lb No.: lb135538

Lab Sample ID : Q1858-01L

SDG No.: Q1858

Matrix (soil/water): Solid

Level (low/med): LOW

Concentration Units: mg/Kg

| Analyte    | Initial Sample Result (I) |   |  | Serial Dilution Result (S) |   |  | % Differ-<br>ence | Q | M |
|------------|---------------------------|---|--|----------------------------|---|--|-------------------|---|---|
|            | C                         |   |  | C                          |   |  |                   |   |   |
| Aluminum   | 24600                     |   |  | 33700                      |   |  | 37                |   | P |
| Antimony   | 2.82                      | U |  | 14.1                       | U |  |                   |   | P |
| Arsenic    | 5.92                      |   |  | 7.96                       |   |  | 35                |   | P |
| Barium     | 146                       |   |  | 202                        |   |  | 38                |   | P |
| Beryllium  | 2.29                      |   |  | 3.20                       |   |  | 40                |   | P |
| Boron      | 14.1                      |   |  | 31.0                       |   |  | 121               |   | P |
| Cadmium    | 3.68                      |   |  | 1.69                       | U |  | 100.0             |   | P |
| Chromium   | 57.6                      |   |  | 84.2                       |   |  | 46                |   | P |
| Cobalt     | 34.6                      |   |  | 34.4                       |   |  | 0                 |   | P |
| Copper     | 71.3                      |   |  | 106                        |   |  | 48                |   | P |
| Iron       | 45400                     |   |  | 69100                      |   |  | 52                |   | P |
| Lead       | 24.7                      |   |  | 25.3                       |   |  | 2                 |   | P |
| Manganese  | 401                       |   |  | 575                        |   |  | 44                |   | P |
| Molybdenum | 7.80                      | J |  | 10.9                       | J |  | 39                |   | P |
| Nickel     | 35.3                      |   |  | 37.1                       |   |  | 5                 |   | P |
| Selenium   | 1.13                      | U |  | 5.65                       | U |  |                   |   | P |
| Silver     | 0.65                      |   |  | 1.70                       | J |  | 161               |   | P |
| Thallium   | 2.26                      | U |  | 11.3                       | U |  |                   |   | P |
| Vanadium   | 124                       |   |  | 178                        |   |  | 43                |   | P |
| Zinc       | 92.7                      |   |  | 133                        |   |  | 44                |   | P |



# METAL PREPARATION & INSTRUMENT DATA

**Metals**

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**ICP INTERELEMEN CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q1858

**Contract:** POWE02

**Lab Code:** CHEM

**Case No.:** Q1858

**SAS No.:** Q1858

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |            |            |           |           |
|-----------|-------------------------|----------------------------------------|------------|------------|-----------|-----------|
|           |                         | Al                                     | Ca         | Fe         | Mg        | Ag        |
| Aluminum  | 396.100                 | 0.0000000                              | -0.0002060 | 0.0000000  | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                              | 0.0000000  | -0.0000440 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                              | 0.0000000  | 0.0000930  | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                              | 0.0000000  | 0.0007850  | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | -0.0000920                             | 0.0000000  | 0.0000380  | 0.0000000 | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                              | 0.0000000  | -0.0001440 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                              | 0.0000000  | -0.0001490 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                              | 0.0000000  | 0.0000000  | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                              | 0.0000000  | 0.0001050  | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q1858

**Contract:** POWE02

**Lab Code:** CHEM

**Case No.:** Q1858

**SAS No.:** Q1858

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |           |           |           |            |
|-----------|-------------------------|------------------------------------------|-----------|-----------|-----------|------------|
|           |                         | As                                       | Ba        | Be        | Cd        | Co         |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0002870  |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Copper    | 224.700                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0009530  |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0039600 |
| Lead      | 220.353                 | 0.0000000                                | 0.0003170 | 0.0000000 | 0.0000000 | 0.0000000  |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | -0.0003570 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0054900  |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000  |



**Metals**

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**ICP INTERELEMEN CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q1858

**Contract:** POWE02

**Lab Code:** CHEM

**Case No.:** Q1858

**SAS No.:** Q1858

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interement Correction Factors For: |           |           |            |            |
|-----------|-------------------------|----------------------------------------|-----------|-----------|------------|------------|
|           |                         | Cr                                     | Cu        | K         | Mn         | Mo         |
| Aluminum  | 396.100                 | 0.0000000                              | 0.0000000 | 0.0000590 | 0.0000000  | 0.0396900  |
| Antimony  | 206.833                 | 0.0122000                              | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Arsenic   | 193.759                 | -0.0029000                             | 0.0000000 | 0.0000000 | 0.0000000  | 0.0004900  |
| Barium    | 493.409                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Beryllium | 234.861                 | 0.0000000                              | 0.0000000 | 0.0000000 | -0.0000710 | -0.0003400 |
| Cadmium   | 226.502                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Chromium  | 267.716                 | 0.0000000                              | 0.0000000 | 0.0000070 | 0.0002200  | 0.0000000  |
| Cobalt    | 228.616                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000  | -0.0007860 |
| Copper    | 224.700                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0006510  | 0.0020500  |
| Iron      | 240.488                 | 0.0000000                              | 0.0000000 | 0.0000730 | 0.0000000  | -0.0015250 |
| Lead      | 220.353                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0001400  | -0.0008600 |
| Manganese | 257.610                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Nickel    | 231.604                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000  | 0.0000000  |
| Selenium  | 196.090                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0007460  | 0.0000000  |
| Silver    | 328.068                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0000000  | -0.0000120 |
| Thallium  | 190.856                 | 0.0000000                              | 0.0000000 | 0.0000000 | 0.0017400  | -0.0100400 |
| Vanadium  | 292.402                 | -0.0025100                             | 0.0000000 | 0.0000000 | 0.0000000  | -0.0072000 |
| Zinc      | 213.800                 | 0.0000000                              | 0.0009010 | 0.0000000 | 0.0000000  | 0.0000000  |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q1858

**Contract:** POWE02

**Lab Code:** CHEM

**Case No.:** Q1858

**SAS No.:** Q1858

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |           |           |
|-----------|-------------------------|------------------------------------------|------------|-----------|-----------|-----------|
|           |                         | Na                                       | Ni         | Pb        | Sb        | Se        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000  | 0.0012800 | 0.0000000 | 0.0000000 |
| Antimony  | 206.833                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | -0.0047000 | 0.0036100 | 0.0000000 | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | -0.0017000 | 0.0000000 | 0.0000000 | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | 0.0006580  | 0.0000000 | 0.0000000 | 0.0001290 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | 0.0003330 | 0.0000000 | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000 | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0067600  | 0.0000000 | 0.0000000 | 0.0000000 |

**Metals**

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**ICP INTERELEMENT CORRECTION FACTORS**

**Client:** Kleinfelder

**SDG No.:** Q1858

**Contract:** POWE02

**Lab Code:** CHEM

**Case No.:** Q1858

**SAS No.:** Q1858

**Instrument ID:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Interelement Correction Factors (apparent ppb analyte/ppm interferent )**

| Analyte   | Wave-<br>Length<br>(nm) | ICP Interelement Correction Factors For: |            |           |            |           |
|-----------|-------------------------|------------------------------------------|------------|-----------|------------|-----------|
|           |                         | Sn                                       | Ti         | Tl        | V          | Zn        |
| Aluminum  | 396.100                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Antimony  | 206.833                 | -0.0035600                               | -0.0007970 | 0.0000000 | -0.0018900 | 0.0000000 |
| Arsenic   | 193.759                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Barium    | 493.409                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Beryllium | 234.861                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Cadmium   | 226.502                 | 0.0000000                                | 0.0000630  | 0.0001280 | 0.0000000  | 0.0000000 |
| Chromium  | 267.716                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0001110  | 0.0000000 |
| Cobalt    | 228.616                 | 0.0000000                                | 0.0018800  | 0.0000000 | 0.0000000  | 0.0000000 |
| Copper    | 224.700                 | 0.0000000                                | 0.0003840  | 0.0000000 | 0.0000000  | 0.0000000 |
| Iron      | 240.488                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Lead      | 220.353                 | 0.0000000                                | -0.0003610 | 0.0000000 | 0.0000000  | 0.0000000 |
| Manganese | 257.610                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Nickel    | 231.604                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Selenium  | 196.090                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |
| Silver    | 328.068                 | 0.0000000                                | -0.0007420 | 0.0000000 | 0.0000000  | 0.0000000 |
| Thallium  | 190.856                 | 0.0000000                                | -0.0039700 | 0.0000000 | -0.0115600 | 0.0000000 |
| Vanadium  | 292.402                 | 0.0000000                                | 0.0005320  | 0.0000000 | 0.0000000  | 0.0000000 |
| Zinc      | 213.800                 | 0.0000000                                | 0.0000000  | 0.0000000 | 0.0000000  | 0.0000000 |

METAL  
PREPARATION &  
ANALYICAL  
SUMMARY

**Metals**

**- 13 -**

**SAMPLE PREPARATION SUMMARY**

|                  |                    |                  |              |
|------------------|--------------------|------------------|--------------|
| <b>Client:</b>   | <u>Kleinfelder</u> | <b>SDG No.:</b>  | <u>Q1858</u> |
| <b>Contract:</b> | <u>POWE02</u>      | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |                    | <b>Method:</b>   | <u></u>      |
|                  |                    | <b>Case No.:</b> | <u>Q1858</u> |
|                  |                    | <b>SAS No.:</b>  | <u>Q1858</u> |

| Sample ID                     | Client ID  | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB167713</b> |            |             |        |            |                        |                          |                |
| PB167713BL                    | PB167713BL | MB          | SOLID  | 04/23/2025 | 2.01                   | 100.0                    | 100.00         |
| PB167713BS                    | PB167713BS | LCS         | SOLID  | 04/23/2025 | 2.16                   | 100.0                    | 100.00         |
| Q1858-01                      | COMP-1     | SAM         | SOLID  | 04/23/2025 | 2.11                   | 100.0                    | 83.90          |
| Q1858-01DUP                   | COMP-1DUP  | DUP         | SOLID  | 04/23/2025 | 2.15                   | 100.0                    | 83.90          |
| Q1858-01MS                    | COMP-1MS   | MS          | SOLID  | 04/23/2025 | 2.17                   | 100.0                    | 83.90          |
| Q1858-01MSD                   | COMP-1MSD  | MSD         | SOLID  | 04/23/2025 | 2.11                   | 100.0                    | 83.90          |
| Q1858-02                      | COMP-2     | SAM         | SOLID  | 04/23/2025 | 2.18                   | 100.0                    | 81.30          |
| Q1858-03                      | COMP-3     | SAM         | SOLID  | 04/23/2025 | 2.25                   | 100.0                    | 91.10          |

**Metals**

- 13 -

**SAMPLE PREPARATION SUMMARY**

|                  |                    |                  |              |
|------------------|--------------------|------------------|--------------|
| <b>Client:</b>   | <u>Kleinfelder</u> | <b>SDG No.:</b>  | <u>Q1858</u> |
| <b>Contract:</b> | <u>POWE02</u>      | <b>Lab Code:</b> | <u>CHEM</u>  |
|                  |                    | <b>Method:</b>   | <u></u>      |
|                  |                    | <b>Case No.:</b> | <u>Q1858</u> |
|                  |                    | <b>SAS No.:</b>  | <u>Q1858</u> |

| Sample ID                     | Client ID   | Sample Type | Matrix | Prep Date  | Initial Sample Size(g) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|-------------|-------------|--------|------------|------------------------|--------------------------|----------------|
| <b>Batch Number: PB167718</b> |             |             |        |            |                        |                          |                |
| PB167718BL                    | PB167718BL  | MB          | SOLID  | 04/23/2025 | 0.55                   | 35.0                     | 100.00         |
| PB167718BS                    | PB167718BS  | LCS         | SOLID  | 04/23/2025 | 0.53                   | 35.0                     | 100.00         |
| Q1852-01DUP                   | ETGI-354DUP | DUP         | SOLID  | 04/23/2025 | 0.58                   | 35.0                     | 92.50          |
| Q1852-01MS                    | ETGI-354MS  | MS          | SOLID  | 04/23/2025 | 0.56                   | 35.0                     | 92.50          |
| Q1852-01MSD                   | ETGI-354MSD | MSD         | SOLID  | 04/23/2025 | 0.56                   | 35.0                     | 92.50          |
| Q1858-01                      | COMP-1      | SAM         | SOLID  | 04/23/2025 | 0.56                   | 35.0                     | 83.90          |
| Q1858-02                      | COMP-2      | SAM         | SOLID  | 04/23/2025 | 0.54                   | 35.0                     | 81.30          |
| Q1858-03                      | COMP-3      | SAM         | SOLID  | 04/23/2025 | 0.52                   | 35.0                     | 91.10          |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Kleinfelder **Contract:** POWE02

**Lab code:** CHEM **Case no.:** Q1858 **Sas no.:** Q1858 **Sdg no.:** Q1858

**Instrument id number:**                      **Method:**                      **Run number:** LB135538

**Start date:** 04/23/2025 **End date:** 04/23/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list                                            |
|----------------|------------------|-----|------|-----------------------------------------------------------|
| S0             | S0               | 1   | 1439 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| S1             | S1               | 1   | 1443 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| S2             | S2               | 1   | 1447 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| S3             | S3               | 1   | 1452 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| S4             | S4               | 1   | 1456 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| S5             | S5               | 1   | 1500 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICV01          | ICV01            | 1   | 1529 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| LLICV01        | LLICV01          | 1   | 1544 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICB01          | ICB01            | 1   | 1549 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CRI01          | CRI01            | 1   | 1553 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSA01         | ICSA01           | 1   | 1558 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| ICSAB01        | ICSAB01          | 1   | 1602 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV01          | CCV01            | 1   | 1615 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB01          | CCB01            | 1   | 1619 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB167713BL     | PB167713BL       | 1   | 1623 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| PB167713BS     | PB167713BS       | 1   | 1627 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1858-01       | COMP-1           | 1   | 1656 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1858-01DUP    | COMP-1DUP        | 1   | 1700 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV02          | CCV02            | 1   | 1705 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB02          | CCB02            | 1   | 1709 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1858-01L      | COMP-1L          | 5   | 1713 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1858-01MS     | COMP-1MS         | 1   | 1717 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1858-01MSD    | COMP-1MSD        | 1   | 1722 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1858-01A      | COMP-1A          | 1   | 1726 | Ag,As,B,Be,Cr,Mo,Sb,Se                                    |
| Q1858-02       | COMP-2           | 1   | 1730 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| Q1858-03       | COMP-3           | 1   | 1734 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV03          | CCV03            | 1   | 1755 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB03          | CCB03            | 1   | 1759 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCV04          | CCV04            | 1   | 1838 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |
| CCB04          | CCB04            | 1   | 1842 | Ag,Al,As,B,Ba,Be,Cd,Co,Cr,Cu,Fe,Mn,Mo,Ni,Pb,Sb,Se,Tl,V,Zn |

**metals**  
**- 14 -**  
**ANALYSIS RUN LOG**

**Client:** Kleinfelder **Contract:** POWE02

**Lab code:** CHEM **Case no.:** Q1858 **Sas no.:** Q1858 **Sdg no.:** Q1858

**Instrument id number:**                      **Method:**                      **Run number:** LB135540

**Start date:** 04/24/2025 **End date:** 04/24/2025

| Lab sample id. | Client Sample Id | d/f | Time | Parameter list |
|----------------|------------------|-----|------|----------------|
| S0             | S0               | 1   | 0745 | HG             |
| S0.2           | S0.2             | 1   | 0748 | HG             |
| S2.5           | S2.5             | 1   | 0750 | HG             |
| S5             | S5               | 1   | 0752 | HG             |
| S7.5           | S7.5             | 1   | 0754 | HG             |
| S10            | S10              | 1   | 0800 | HG             |
| ICV99          | ICV99            | 1   | 0803 | HG             |
| ICB99          | ICB99            | 1   | 0805 | HG             |
| CCV17          | CCV17            | 1   | 0807 | HG             |
| CCB17          | CCB17            | 1   | 0810 | HG             |
| CRA            | CRA              | 1   | 0812 | HG             |
| PB167718BL     | PB167718BL       | 1   | 0822 | HG             |
| PB167718BS     | PB167718BS       | 1   | 0824 | HG             |
| Q1852-01DUP    | ETGI-354DUP      | 1   | 0831 | HG             |
| Q1852-01MS     | ETGI-354MS       | 1   | 0834 | HG             |
| Q1852-01MSD    | ETGI-354MSD      | 1   | 0836 | HG             |
| CCV18          | CCV18            | 1   | 0841 | HG             |
| CCB18          | CCB18            | 1   | 0843 | HG             |
| Q1858-01       | COMP-1           | 1   | 0857 | HG             |
| Q1858-02       | COMP-2           | 1   | 0859 | HG             |
| Q1858-03       | COMP-3           | 1   | 0901 | HG             |
| CCV19          | CCV19            | 1   | 0908 | HG             |
| CCB19          | CCB19            | 1   | 0910 | HG             |
| Q1852-01L      | ETGI-354L        | 5   | 0915 | HG             |
| CCV20          | CCV20            | 1   | 0919 | HG             |
| CCB20          | CCB20            | 1   | 0922 | HG             |



## LAB CHRONICLE

|                 |              |                   |                      |
|-----------------|--------------|-------------------|----------------------|
| <b>OrderID:</b> | Q1858        | <b>OrderDate:</b> | 4/22/2025 2:54:00 PM |
| <b>Client:</b>  | Kleinfelder  | <b>Project:</b>   | Henry Lea School     |
| <b>Contact:</b> | Mark Warchol | <b>Location:</b>  | L41,VOA Ref. #2 Soil |

| LabID           | ClientID      | Matrix      | Test                | Method     | Sample Date               | Prep Date | Anal Date         | Received        |
|-----------------|---------------|-------------|---------------------|------------|---------------------------|-----------|-------------------|-----------------|
| <b>Q1858-01</b> | <b>COMP-1</b> | <b>SOIL</b> |                     |            | <b>04/21/25<br/>09:55</b> |           |                   | <b>04/22/25</b> |
|                 |               |             | Ammonia             | SM4500-NH3 |                           | 04/24/25  | 04/25/25<br>11:48 |                 |
|                 |               |             | Anions Group1       | 9056A      |                           |           | 04/23/25<br>11:06 |                 |
|                 |               |             | Hexavalent Chromium | 7196A      |                           | 04/23/25  | 04/23/25<br>13:51 |                 |
|                 |               |             | Trivalent Chromium  | 6010D      |                           |           | 04/23/25<br>16:56 |                 |
| <b>Q1858-02</b> | <b>COMP-2</b> | <b>SOIL</b> |                     |            | <b>04/21/25<br/>10:45</b> |           |                   | <b>04/22/25</b> |
|                 |               |             | Ammonia             | SM4500-NH3 |                           | 04/24/25  | 04/25/25<br>11:49 |                 |
|                 |               |             | Anions Group1       | 9056A      |                           |           | 04/23/25<br>12:10 |                 |
|                 |               |             | Hexavalent Chromium | 7196A      |                           | 04/23/25  | 04/23/25<br>13:52 |                 |
|                 |               |             | Trivalent Chromium  | 6010D      |                           |           | 04/23/25<br>17:30 |                 |
| <b>Q1858-03</b> | <b>COMP-3</b> | <b>SOIL</b> |                     |            | <b>04/21/25<br/>11:45</b> |           |                   | <b>04/22/25</b> |
|                 |               |             | Ammonia             | SM4500-NH3 |                           | 04/24/25  | 04/25/25<br>11:49 |                 |
|                 |               |             | Anions Group1       | 9056A      |                           |           | 04/23/25<br>12:32 |                 |
|                 |               |             | Hexavalent Chromium | 7196A      |                           | 04/23/25  | 04/23/25<br>13:53 |                 |
|                 |               |             | Trivalent Chromium  | 6010D      |                           |           | 04/23/25<br>17:34 |                 |



# SAMPLE DATA

A

B

C

D

## Report of Analysis

|                   |                  |                 |                |
|-------------------|------------------|-----------------|----------------|
| Client:           | Kleinfelder      | Date Collected: | 04/21/25 09:55 |
| Project:          | Henry Lea School | Date Received:  | 04/22/25       |
| Client Sample ID: | COMP-1           | SDG No.:        | Q1858          |
| Lab Sample ID:    | Q1858-01         | Matrix:         | SOIL           |
|                   |                  | % Solid:        | 83.9           |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met.                   |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------------------------|
| Ammonia as N        | 2.60  | U    | 1  | 2.60  | 5.80       | mg/Kg             | 04/24/25 13:00 | 04/25/25 11:48 | SM 4500-NH3<br>B plus G-11 |
| Chloride            | 34.6  |      | 1  | 4.10  | 14.2       | mg/Kg             |                | 04/23/25 11:06 | 9056A                      |
| Fluoride            | 2.10  | J    | 1  | 2.10  | 9.50       | mg/Kg             |                | 04/23/25 11:06 | 9056A                      |
| Sulfate             | 553   |      | 1  | 10.4  | 70.9       | mg/Kg             |                | 04/23/25 11:06 | 9056A                      |
| Hexavalent Chromium | 0.083 | U    | 1  | 0.083 | 0.48       | mg/Kg             | 04/23/25 09:30 | 04/23/25 13:51 | 7196A                      |
| Trivalent Chromium  | 57.6  |      | 1  | 0.60  | 0.60       | mg/Kg             |                | 04/23/25 16:56 | 6010D                      |

Comments: \_\_\_\_\_

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements  
H = Sample Analysis Out Of Hold Time

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N = Spiked sample recovery not within control limits

## Report of Analysis

|                   |                  |                 |                |
|-------------------|------------------|-----------------|----------------|
| Client:           | Kleinfelder      | Date Collected: | 04/21/25 10:45 |
| Project:          | Henry Lea School | Date Received:  | 04/22/25       |
| Client Sample ID: | COMP-2           | SDG No.:        | Q1858          |
| Lab Sample ID:    | Q1858-02         | Matrix:         | SOIL           |
|                   |                  | % Solid:        | 81.3           |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met.                   |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------------------------|
| Ammonia as N        | 2.60  | U    | 1  | 2.60  | 5.90       | mg/Kg             | 04/24/25 13:00 | 04/25/25 11:49 | SM 4500-NH3<br>B plus G-11 |
| Chloride            | 49.1  |      | 1  | 4.30  | 14.7       | mg/Kg             |                | 04/23/25 12:10 | 9056A                      |
| Fluoride            | 2.40  | J    | 1  | 2.10  | 9.80       | mg/Kg             |                | 04/23/25 12:10 | 9056A                      |
| Sulfate             | 655   |      | 1  | 10.7  | 73.5       | mg/Kg             |                | 04/23/25 12:10 | 9056A                      |
| Hexavalent Chromium | 0.084 | U    | 1  | 0.084 | 0.48       | mg/Kg             | 04/23/25 09:30 | 04/23/25 13:52 | 7196A                      |
| Trivalent Chromium  | 39.2  |      | 1  | 0.62  | 0.62       | mg/Kg             |                | 04/23/25 17:30 | 6010D                      |

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

|                   |                  |                 |                |
|-------------------|------------------|-----------------|----------------|
| Client:           | Kleinfelder      | Date Collected: | 04/21/25 11:45 |
| Project:          | Henry Lea School | Date Received:  | 04/22/25       |
| Client Sample ID: | COMP-3           | SDG No.:        | Q1858          |
| Lab Sample ID:    | Q1858-03         | Matrix:         | SOIL           |
|                   |                  | % Solid:        | 91.1           |

| Parameter           | Conc. | Qua. | DF | MDL   | LOQ / CRQL | Units(Dry Weight) | Prep Date      | Date Ana.      | Ana Met.                   |
|---------------------|-------|------|----|-------|------------|-------------------|----------------|----------------|----------------------------|
| Ammonia as N        | 2.40  | U    | 1  | 2.40  | 5.40       | mg/Kg             | 04/24/25 13:00 | 04/25/25 11:49 | SM 4500-NH3<br>B plus G-11 |
| Chloride            | 21.0  |      | 1  | 3.80  | 13.1       | mg/Kg             |                | 04/23/25 12:32 | 9056A                      |
| Fluoride            | 1.90  | U    | 1  | 1.90  | 8.70       | mg/Kg             |                | 04/23/25 12:32 | 9056A                      |
| Sulfate             | 362   |      | 1  | 9.60  | 65.3       | mg/Kg             |                | 04/23/25 12:32 | 9056A                      |
| Hexavalent Chromium | 0.075 | U    | 1  | 0.075 | 0.43       | mg/Kg             | 04/23/25 09:30 | 04/23/25 13:53 | 7196A                      |
| Trivalent Chromium  | 30.9  |      | 1  | 0.55  | 0.55       | mg/Kg             |                | 04/23/25 17:34 | 6010D                      |

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135527

| Analyte                | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|------------------------|-------|--------|------------|------------|------------------------|---------------|
| <b>Sample ID: ICV1</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.2   | 10         | 102        | 90-110                 | 04/22/2025    |
| Chloride               | mg/L  | 3.1    | 3          | 103        | 90-110                 | 04/22/2025    |
| Fluoride               | mg/L  | 2      | 2          | 100        | 90-110                 | 04/22/2025    |
| Nitrite                | mg/L  | 3.1    | 3          | 103        | 90-110                 | 04/22/2025    |
| Nitrate                | mg/L  | 2.6    | 2.5        | 104        | 90-110                 | 04/22/2025    |
| Sulfate                | mg/L  | 15.1   | 15         | 101        | 90-110                 | 04/22/2025    |
| Orthophosphate as P    | mg/L  | 5.2    | 5          | 104        | 90-110                 | 04/22/2025    |
| <b>Sample ID: CCV1</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.7   | 10         | 107        | 90-110                 | 04/23/2025    |
| Chloride               | mg/L  | 3.2    | 3          | 107        | 90-110                 | 04/23/2025    |
| Fluoride               | mg/L  | 2.1    | 2          | 105        | 90-110                 | 04/23/2025    |
| Nitrite                | mg/L  | 3.2    | 3          | 107        | 90-110                 | 04/23/2025    |
| Nitrate                | mg/L  | 2.7    | 2.5        | 108        | 90-110                 | 04/23/2025    |
| Sulfate                | mg/L  | 15.6   | 15         | 104        | 90-110                 | 04/23/2025    |
| Orthophosphate as P    | mg/L  | 5.4    | 5          | 108        | 90-110                 | 04/23/2025    |
| <b>Sample ID: CCV2</b> |       |        |            |            |                        |               |
| Bromide                | mg/L  | 10.6   | 10         | 106        | 90-110                 | 04/23/2025    |
| Chloride               | mg/L  | 3.2    | 3          | 107        | 90-110                 | 04/23/2025    |
| Fluoride               | mg/L  | 2.1    | 2          | 105        | 90-110                 | 04/23/2025    |
| Nitrite                | mg/L  | 3.2    | 3          | 107        | 90-110                 | 04/23/2025    |
| Nitrate                | mg/L  | 2.7    | 2.5        | 108        | 90-110                 | 04/23/2025    |
| Sulfate                | mg/L  | 15.5   | 15         | 103        | 90-110                 | 04/23/2025    |
| Orthophosphate as P    | mg/L  | 5.3    | 5          | 106        | 90-110                 | 04/23/2025    |

## Initial and Continuing Calibration Verification

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135535

| Analyte                                       | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|-----------------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV</b><br>Hexavalent Chromium  | mg/L  | 0.494  | 0.5        | 99         | 90-110                 | 04/23/2025    |
| Sample ID: <b>CCV1</b><br>Hexavalent Chromium | mg/L  | 0.501  | 0.5        | 100        | 90-110                 | 04/23/2025    |
| Sample ID: <b>CCV2</b><br>Hexavalent Chromium | mg/L  | 0.496  | 0.5        | 99         | 90-110                 | 04/23/2025    |
| Sample ID: <b>CCV3</b><br>Hexavalent Chromium | mg/L  | 0.502  | 0.5        | 100        | 90-110                 | 04/23/2025    |



## Initial and Continuing Calibration Verification

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135559

| Analyte                                | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|----------------------------------------|-------|--------|------------|------------|------------------------|---------------|
| Sample ID: <b>ICV1</b><br>Ammonia as N | mg/L  | 0.94   | 1          | 94         | 90-110                 | 04/25/2025    |
| Sample ID: <b>CCV1</b><br>Ammonia as N | mg/L  | 0.95   | 1          | 95         | 90-110                 | 04/25/2025    |
| Sample ID: <b>CCV2</b><br>Ammonia as N | mg/L  | 0.99   | 1          | 99         | 90-110                 | 04/25/2025    |
| Sample ID: <b>CCV3</b><br>Ammonia as N | mg/L  | 0.93   | 1          | 93         | 90-110                 | 04/25/2025    |
| Sample ID: <b>CCV4</b><br>Ammonia as N | mg/L  | 0.99   | 1          | 99         | 90-110                 | 04/25/2025    |

### Initial and Continuing Calibration Verification

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135559

| Analyte | Units | Result | True Value | %<br>Recovery | Acceptance<br>Window (%R) | Analysis<br>Date |
|---------|-------|--------|------------|---------------|---------------------------|------------------|
|---------|-------|--------|------------|---------------|---------------------------|------------------|

## Initial and Continuing Calibration Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135527

| Analyte                | Units | Result   | Acceptance Limits | Conc Qual | MDL   | RDL | Analysis Date |
|------------------------|-------|----------|-------------------|-----------|-------|-----|---------------|
| <b>Sample ID: ICB1</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 04/22/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 04/22/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 04/22/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 04/22/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 04/22/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 04/22/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 04/22/2025    |
| <b>Sample ID: CCB1</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 04/23/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 04/23/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 04/23/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 04/23/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 04/23/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 04/23/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 04/23/2025    |
| <b>Sample ID: CCB2</b> |       |          |                   |           |       |     |               |
| Bromide                | mg/L  | < 1.0000 | 1.0000            | U         | 0.37  | 2   | 04/23/2025    |
| Chloride               | mg/L  | < 0.3000 | 0.3000            | U         | 0.19  | 0.6 | 04/23/2025    |
| Fluoride               | mg/L  | < 0.2000 | 0.2000            | U         | 0.11  | 0.4 | 04/23/2025    |
| Nitrite                | mg/L  | < 0.3000 | 0.3000            | U         | 0.074 | 0.6 | 04/23/2025    |
| Nitrate                | mg/L  | < 0.2500 | 0.2500            | U         | 0.095 | 0.5 | 04/23/2025    |
| Sulfate                | mg/L  | < 1.5000 | 1.5000            | U         | 0.46  | 3   | 04/23/2025    |
| Orthophosphate as P    | mg/L  | < 0.5000 | 0.5000            | U         | 0.34  | 1   | 04/23/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135535

| Analyte                                       | Units | Result   | Acceptance Limits | Conc Qual | MDL    | RDL  | Analysis Date |
|-----------------------------------------------|-------|----------|-------------------|-----------|--------|------|---------------|
| Sample ID: <b>ICB</b><br>Hexavalent Chromium  | mg/L  | < 0.0050 | 0.0050            | U         | 0.0029 | 0.01 | 04/23/2025    |
| Sample ID: <b>CCB1</b><br>Hexavalent Chromium | mg/L  | < 0.0050 | 0.0050            | U         | 0.0029 | 0.01 | 04/23/2025    |
| Sample ID: <b>CCB2</b><br>Hexavalent Chromium | mg/L  | < 0.0050 | 0.0050            | U         | 0.0029 | 0.01 | 04/23/2025    |
| Sample ID: <b>CCB3</b><br>Hexavalent Chromium | mg/L  | < 0.0050 | 0.0050            | U         | 0.0029 | 0.01 | 04/23/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135559

| Analyte                                | Units | Result   | Acceptance Limits | Conc Qual | MDL   | RDL | Analysis Date |
|----------------------------------------|-------|----------|-------------------|-----------|-------|-----|---------------|
| Sample ID: <b>ICB1</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 04/25/2025    |
| Sample ID: <b>CCB1</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 04/25/2025    |
| Sample ID: <b>CCB2</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 04/25/2025    |
| Sample ID: <b>CCB3</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 04/25/2025    |
| Sample ID: <b>CCB4</b><br>Ammonia as N | mg/L  | < 0.0500 | 0.0500            | U         | 0.030 | 0.1 | 04/25/2025    |

### Initial and Continuing Calibration Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**RunNo.:** LB135559

| Analyte | Units | Result | Acceptance<br>Limits | Conc<br>Qual | MDL | RDL | Analysis<br>Date |
|---------|-------|--------|----------------------|--------------|-----|-----|------------------|
|---------|-------|--------|----------------------|--------------|-----|-----|------------------|

## Preparation Blank Summary

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

| Analyte                       | Units | Result    | Acceptance Limits | Conc Qual | MDL  | RDL | Analysis Date |
|-------------------------------|-------|-----------|-------------------|-----------|------|-----|---------------|
| <b>Sample ID: LB135527BLS</b> |       |           |                   |           |      |     |               |
| Bromide                       | mg/Kg | < 20.0000 | 20.0000           | U         | 7    | 40  | 04/23/2025    |
| Chloride                      | mg/Kg | < 6.0000  | 6.0000            | U         | 3.5  | 12  | 04/23/2025    |
| Fluoride                      | mg/Kg | < 4.0000  | 4.0000            | U         | 1.8  | 8   | 04/23/2025    |
| Nitrite                       | mg/Kg | < 6.0000  | 6.0000            | U         | 1.5  | 12  | 04/23/2025    |
| Nitrate                       | mg/Kg | < 5.0000  | 5.0000            | U         | 1.8  | 10  | 04/23/2025    |
| Sulfate                       | mg/Kg | < 30.0000 | 30.0000           | U         | 8.8  | 60  | 04/23/2025    |
| Orthophosphate as P           | mg/Kg | < 10.0000 | 10.0000           | U         | 6.7  | 20  | 04/23/2025    |
| <b>Sample ID: PB167705BL</b>  |       |           |                   |           |      |     |               |
| Hexavalent Chromium           | mg/Kg | < 0.2000  | 0.2000            | U         | 0.07 | 0.4 | 04/23/2025    |
| <b>Sample ID: PB167731BL</b>  |       |           |                   |           |      |     |               |
| Ammonia as N                  | mg/Kg | < 2.5000  | 2.5000            | U         | 2.2  | 5   | 04/25/2025    |

## Matrix Spike Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1852-01 |
| <b>Client ID:</b> | ETGI-354MS       | <b>Percent Solids for Spike Sample:</b> | 92.5     |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Hexavalent Chromium | mg/Kg | 75-125                 | 1310             |                    | 0.074            | U                  | 1390           | 40                 | 94       |      | 04/23/2025       |



## Matrix Spike Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1852-01 |
| <b>Client ID:</b> | ETGI-354MS       | <b>Percent Solids for Spike Sample:</b> | 92.5     |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Hexavalent Chromium | mg/Kg | 85-115                 | 39.8             |                    | 0.074            | U                  | 43.2           | 2                  | 92       |      | 04/23/2025       |

## Matrix Spike Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1852-01 |
| <b>Client ID:</b> | ETGI-354MS       | <b>Percent Solids for Spike Sample:</b> | 92.5     |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Hexavalent Chromium | mg/Kg | 75-125                 | 32.9             |                    | 0.074            | U                  | 43.2           | 2                  | 76       |      | 04/23/2025       |

## Matrix Spike Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1858-01 |
| <b>Client ID:</b> | COMP-1MS         | <b>Percent Solids for Spike Sample:</b> | 83.9     |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Ammonia as N        | mg/Kg | 75-125                 | 54.5             |                    | 2.60             | U                  | 57.9           | 1                  | 94       |      | 04/25/2025       |
| Bromide             | mg/Kg | 80-120                 | 251              |                    | 8.30             | U                  | 240            | 1                  | 105      |      | 04/23/2025       |
| Chloride            | mg/Kg | 80-120                 | 106              |                    | 34.6             |                    | 71.1           | 1                  | 100      |      | 04/23/2025       |
| Fluoride            | mg/Kg | 80-120                 | 43.1             |                    | 2.10             | J                  | 47.4           | 1                  | 86       |      | 04/23/2025       |
| Nitrite             | mg/Kg | 80-120                 | 74.9             |                    | 1.80             | U                  | 71.1           | 1                  | 105      |      | 04/23/2025       |
| Nitrate             | mg/Kg | 80-120                 | 70.8             |                    | 10.9             | J                  | 59.2           | 1                  | 101      |      | 04/23/2025       |
| Sulfate             | mg/Kg | 80-120                 | 873              |                    | 553              |                    | 360            | 1                  | 89       |      | 04/23/2025       |
| Orthophosphate as P | mg/Kg | 80-120                 | 85.9             |                    | 7.90             | U                  | 120            | 1                  | 72       | *    | 04/23/2025       |

## Matrix Spike Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1858-01 |
| <b>Client ID:</b> | COMP-1MSD        | <b>Percent Solids for Spike Sample:</b> | 83.9     |

| Analyte             | Units | Acceptance<br>Limit %R | Spiked<br>Result | Conc.<br>Qualifier | Sample<br>Result | Conc.<br>Qualifier | Spike<br>Added | Dilution<br>Factor | %<br>Rec | Qual | Analysis<br>Date |
|---------------------|-------|------------------------|------------------|--------------------|------------------|--------------------|----------------|--------------------|----------|------|------------------|
| Ammonia as N        | mg/Kg | 75-125                 | 55.5             |                    | 2.60             | U                  | 58.4           | 1                  | 95       |      | 04/25/2025       |
| Bromide             | mg/Kg | 80-120                 | 252              |                    | 8.30             | U                  | 240            | 1                  | 105      |      | 04/23/2025       |
| Chloride            | mg/Kg | 80-120                 | 106              |                    | 34.6             |                    | 71.4           | 1                  | 100      |      | 04/23/2025       |
| Fluoride            | mg/Kg | 80-120                 | 42.5             |                    | 2.10             | J                  | 47.6           | 1                  | 85       |      | 04/23/2025       |
| Nitrite             | mg/Kg | 80-120                 | 75.2             |                    | 1.80             | U                  | 71.4           | 1                  | 105      |      | 04/23/2025       |
| Nitrate             | mg/Kg | 80-120                 | 70.9             |                    | 10.9             | J                  | 59.5           | 1                  | 101      |      | 04/23/2025       |
| Sulfate             | mg/Kg | 80-120                 | 877              |                    | 553              |                    | 360            | 1                  | 90       |      | 04/23/2025       |
| Orthophosphate as P | mg/Kg | 80-120                 | 86.9             |                    | 7.90             | U                  | 120            | 1                  | 72       | *    | 04/23/2025       |

## Duplicate Sample Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1852-01 |
| <b>Client ID:</b> | ETGI-354DUP      | <b>Percent Solids for Spike Sample:</b> | 92.5     |

| Analyte             | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Hexavalent Chromium | mg/Kg | +/-20            | 0.074         | U               | 0.074            | U               | 1               | 0      |      | 04/23/2025    |

## Duplicate Sample Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1858-01 |
| <b>Client ID:</b> | COMP-1DUP        | <b>Percent Solids for Spike Sample:</b> | 83.9     |

| Analyte      | Units | Acceptance<br>Limit | Sample<br>Result | Conc.<br>Qualifier | Duplicate<br>Result | Conc.<br>Qualifier | Dilution<br>Factor | RPD/<br>AD | Qual | Analysis<br>Date |
|--------------|-------|---------------------|------------------|--------------------|---------------------|--------------------|--------------------|------------|------|------------------|
| Ammonia as N | mg/Kg | +/-20               | 2.60             | U                  | 2.60                | U                  | 1                  | 0          |      | 04/25/2025       |

## Duplicate Sample Summary

|                   |                  |                                         |          |
|-------------------|------------------|-----------------------------------------|----------|
| <b>Client:</b>    | Kleinfelder      | <b>SDG No.:</b>                         | Q1858    |
| <b>Project:</b>   | Henry Lea School | <b>Sample ID:</b>                       | Q1858-01 |
| <b>Client ID:</b> | COMP-1MSD        | <b>Percent Solids for Spike Sample:</b> | 83.9     |

| Analyte             | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/AD | Qual | Analysis Date |
|---------------------|-------|------------------|---------------|-----------------|------------------|-----------------|-----------------|--------|------|---------------|
| Bromide             | mg/Kg | +/-15            | 251           |                 | 252              |                 | 1               | 0      |      | 04/23/2025    |
| Chloride            | mg/Kg | +/-15            | 106           |                 | 106              |                 | 1               | 0      |      | 04/23/2025    |
| Nitrate             | mg/Kg | +/-15            | 70.8          |                 | 70.9             |                 | 1               | 0      |      | 04/23/2025    |
| Nitrite             | mg/Kg | +/-15            | 74.9          |                 | 75.2             |                 | 1               | 0      |      | 04/23/2025    |
| Sulfate             | mg/Kg | +/-15            | 873           |                 | 877              |                 | 1               | 0      |      | 04/23/2025    |
| Fluoride            | mg/Kg | +/-15            | 43.1          |                 | 42.5             |                 | 1               | 1      |      | 04/23/2025    |
| Orthophosphate as P | mg/Kg | +/-15            | 85.9          |                 | 86.9             |                 | 1               | 1      |      | 04/23/2025    |
| Ammonia as N        | mg/Kg | +/-20            | 54.5          |                 | 55.5             |                 | 1               | 2      |      | 04/25/2025    |

## Laboratory Control Sample Summary

**Client:** Kleinfelder

**SDG No.:** Q1858

**Project:** Henry Lea School

**Run No.:** LB135527

| Analyte             | Units       | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---------------------|-------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID           | LB135527BSS |            |        |                 |            |                 |                     |               |
| Bromide             | mg/Kg       | 200        | 212    |                 | 106        | 1               | 90-110              | 04/23/2025    |
| Chloride            | mg/Kg       | 60         | 64.0   |                 | 107        | 1               | 90-110              | 04/23/2025    |
| Fluoride            | mg/Kg       | 40         | 41.8   |                 | 104        | 1               | 90-110              | 04/23/2025    |
| Nitrite             | mg/Kg       | 60         | 63.2   |                 | 105        | 1               | 90-110              | 04/23/2025    |
| Nitrate             | mg/Kg       | 50         | 53.9   |                 | 108        | 1               | 90-110              | 04/23/2025    |
| Sulfate             | mg/Kg       | 300        | 309    |                 | 103        | 1               | 90-110              | 04/23/2025    |
| Orthophosphate as P | mg/Kg       | 100        | 106    |                 | 106        | 1               | 90-110              | 04/23/2025    |



### Laboratory Control Sample Summary

**Client:** Kleinfelder  
**Project:** Henry Lea School

**SDG No.:** Q1858  
**Run No.:** LB135535

| Analyte             | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|---------------------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID           | PB167705BS |            |        |                 |            |                 |                     |               |
| Hexavalent Chromium | mg/Kg      | 20         | 20.2   |                 | 101        | 1               | 84-110              | 04/23/2025    |

### Laboratory Control Sample Summary

**Client:** Kleinfelder  
**Project:** Henry Lea School

**SDG No.:** Q1858  
**Run No.:** LB135559

| Analyte      | Units      | True Value | Result | Conc. Qualifier | % Recovery | Dilution Factor | Acceptance Limit %R | Analysis Date |
|--------------|------------|------------|--------|-----------------|------------|-----------------|---------------------|---------------|
| Sample ID    | PB167731BS |            |        |                 |            |                 |                     |               |
| Ammonia as N | mg/Kg      | 50         | 47.1   |                 | 94         | 1               | 90-110              | 04/25/2025    |