Quantitation Report (QT Reviewed)

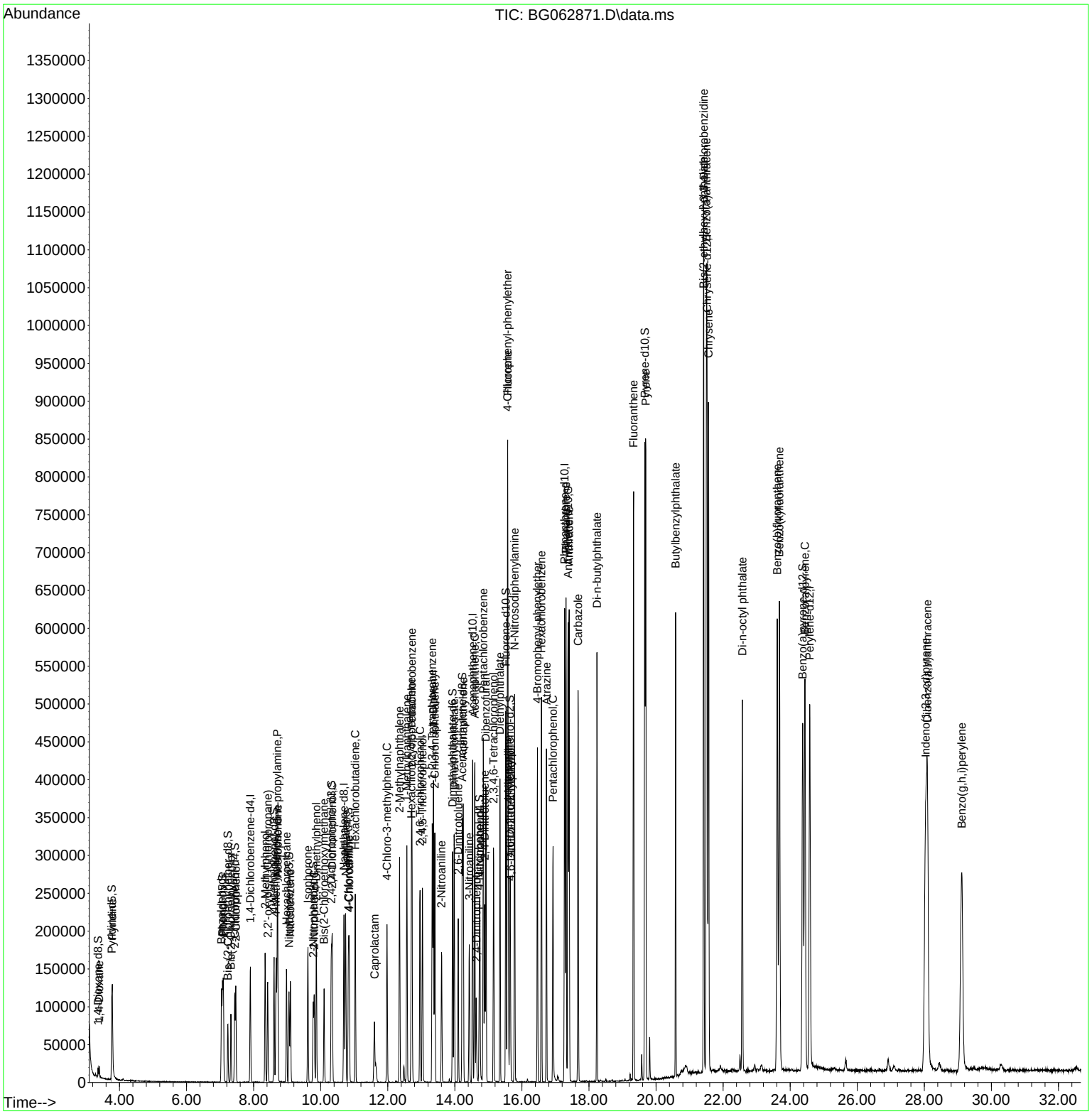
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062871.D
Acq On : 16 Sep 2024 8:33
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Sep 16 09:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020493

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.903	152	43647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.694	136	176076	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.530	164	151705	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.274	188	415873	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.522	240	460139	20.000	ng/ul	# 0.00
88) Perylene-d12	24.583	264	523129	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	6064	6.280	ng/uL	0.00
4) Pyridine-d5	3.767	84	49611	16.141	ng/ul	0.00
7) Phenol-d5	7.069	99	63262	16.529	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	34096	14.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.439	132	49530	17.766	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	58386	18.306	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	26319	20.914	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	31807	23.111	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	67099	22.387	ng/ul	0.00
31) 4-Chloroaniline-d4	10.823	131	78153	18.970	ng/ul	0.00
46) Dimethylphthalate-d6	13.931	166	214203	18.336	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	245805	18.945	ng/ul	0.00
54) 4-Nitrophenol-d4	14.730	143	35165	17.719	ng/ul	0.00
60) Fluorene-d10	15.523	176	200358	19.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	47201	19.731	ng/ul	0.00
73) Anthracene-d10	17.374	188	378312	19.275	ng/ul	0.00
81) Pyrene-d10	19.666	212	488625	18.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.372	264	539721	19.539	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	7159	6.615	ng/uL	97
5) Pyridine	3.784	79	51823	16.076	ng/ul	95
6) Benzaldehyde	7.039	77	42864	20.370	ng/ul	96
8) Phenol	7.098	94	66755	16.779	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.321	93	48353	16.077	ng/ul	98
12) 2-Chlorophenol	7.468	128	52195	18.311	ng/ul	97
13) 2-Methylphenol	8.344	108	54388	18.230	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.420	45	79617	14.707	ng/ul#	95
16) Acetophenone	8.720	105	91894	17.727	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.702	70	47548	17.522	ng/ul	94
18) 4-Methylphenol	8.667	108	60965	18.163	ng/ul	94
19) Hexachloroethane	8.978	117	23656	20.615	ng/ul#	78
22) Nitrobenzene	9.096	77	69340	20.368	ng/ul#	94
23) Isophorone	9.618	82	122222	17.560	ng/ul	98
25) 2-Nitrophenol	9.807	139	32876	21.673	ng/ul#	92
26) 2,4-Dimethylphenol	9.871	107	66193	20.422	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.100	93	66671	17.140	ng/ul	96
29) 2,4-Dichlorophenol	10.341	162	65042	22.033	ng/ul#	96
30) Naphthalene	10.747	128	182302	19.310	ng/ul	99
32) 4-Chloroaniline	10.852	127	75791	18.497	ng/ul	98
33) Hexachlorobutadiene	11.029	225	64927	26.401	ng/ul	93
34) Caprolactam	11.604	113	19306m	17.744	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	70006	21.739	ng/ul	98
36) 2-Methylnaphthalene	12.351	142	137819	19.780	ng/ul	94

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Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020493

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 09:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.568	142	142561	19.974	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.721	216	117023	22.438	ng/ul#	97
40) Hexachlorocyclopentadiene	12.703	237	63663	23.856	ng/ul	96
41) 2,4,6-Trichlorophenol	12.962	196	68085	21.552	ng/ul	99
42) 2,4,5-Trichlorophenol	13.032	196	76746	22.627	ng/ul	96
43) 1,1'-Biphenyl	13.361	154	201044	18.845	ng/ul	97
44) 2-Chloronaphthalene	13.402	162	163933	18.898	ng/ul	98
45) 2-Nitroaniline	13.602	65	48320	20.299	ng/ul	96
47) Dimethylphthalate	13.978	163	222249	18.473	ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	43174	20.369	ng/ul	96
50) Acenaphthylene	14.248	152	252356	18.423	ng/ul	99
51) 3-Nitroaniline	14.431	138	41741	19.670	ng/ul#	99
52) Acenaphthene	14.595	153	181897	18.747	ng/ul	98
53) 2,4-Dinitrophenol	14.642	184	26747	19.110	ng/ul	90
55) 4-Nitrophenol	14.748	109	38265	21.450	ng/ul	83
56) Dibenzofuran	14.924	168	271788	18.856	ng/ul	95
57) 2,4-Dinitrotoluene	14.889	165	69355	20.928	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.153	232	78695	22.895	ng/ul#	96
59) Diethylphthalate	15.347	149	221390	18.653	ng/ul	99
61) Fluorene	15.576	166	219993	19.429	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.570	204	140875	21.210	ng/ul	100
63) 4-Nitroaniline	15.594	138	44185	19.349	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.658	198	50025	20.174	ng/ul#	99
67) N-Nitrosodiphenylamine	15.782	169	197530	18.520	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	103505	21.629	ng/ul	97
69) Hexachlorobenzene	16.581	284	120196	21.998	ng/ul	98
70) Atrazine	16.734	200	96458	20.306	ng/ul	97
71) Pentachlorophenol	16.928	266	68130	20.847	ng/ul	97
72) Phenanthrene	17.315	178	408366	18.883	ng/ul	99
74) Anthracene	17.409	178	416293	18.882	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.326	216	118634	20.889	ng/ul	98
76) Pentachlorobenzene	14.848	250	131425	20.883	ng/ul	99
77) Carbazole	17.674	167	341344	18.670	ng/ul	99
78) Di-n-butylphthalate	18.238	149	393178	18.184	ng/ul	99
80) Fluoranthene	19.331	202	527743	18.403	ng/ul#	94
82) Pyrene	19.695	202	558000	18.076	ng/ul#	93
83) Butylbenzylphthalate	20.582	149	177279	19.345	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	214531	22.145	ng/ul	99
85) Benzo(a)anthracene	21.505	228	620336	19.384	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	252591	18.719	ng/ul	99
87) Chrysene	21.563	228	588831	19.394	ng/ul	99
89) Di-n-octyl phthalate	22.574	149	427990	17.589	ng/ul	100
90) Benzo(b)fluoranthene	23.614	252	612098	18.951	ng/ul#	97
91) Benzo(k)fluoranthene	23.679	252	629701	19.040	ng/ul#	98
93) Benzo(a)pyrene	24.442	252	580204	19.046	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.038	276	759163	20.226	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.091	278	620263m	20.573	ng/ul	
96) Benzo(g,h,i)perylene	29.113	276	577522m	19.922	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG062871.D
Acq On : 16 Sep 2024 8:33
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Sep 16 09:13:24 2024
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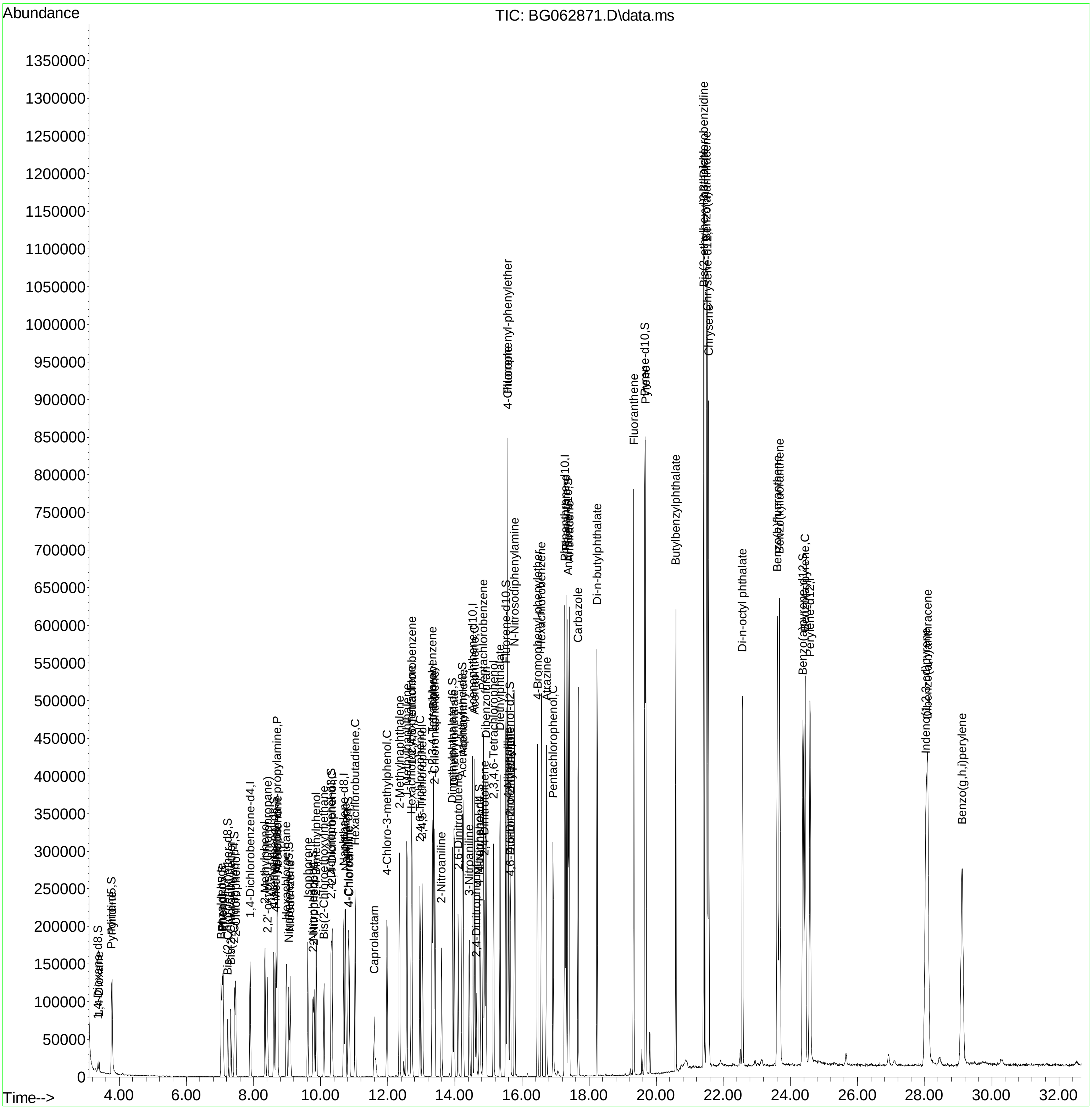
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020493

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024



Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062871.D
Acq On : 16 Sep 2024 8:33
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Sep 16 09:07:34 2024
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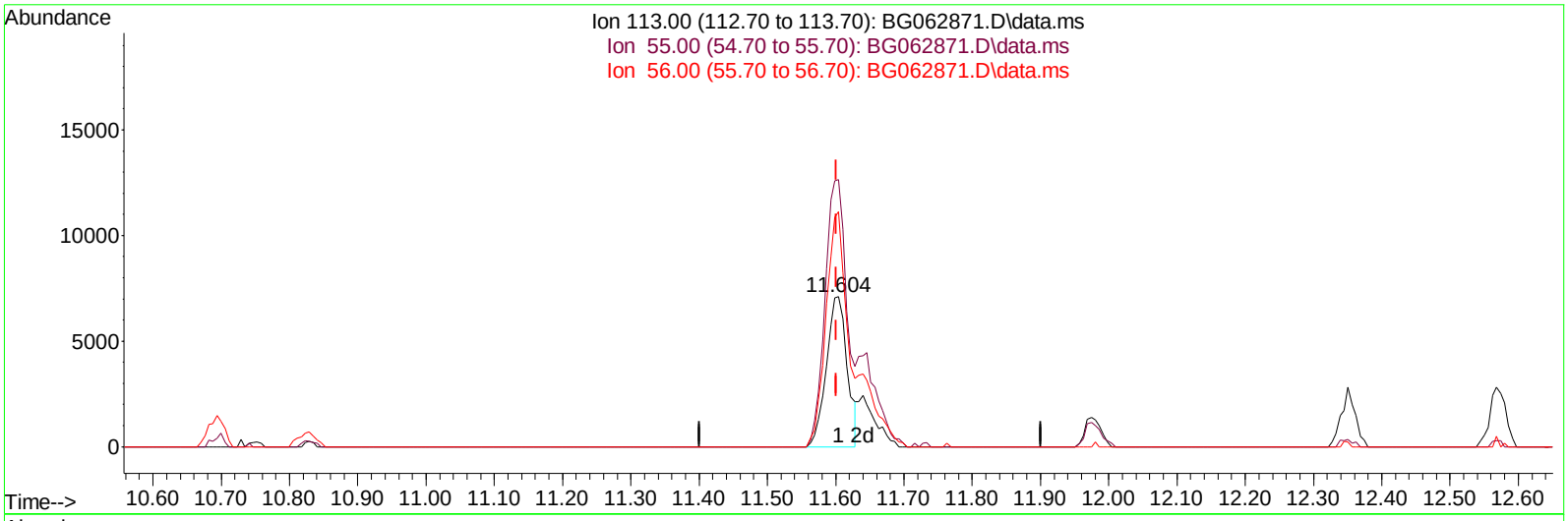

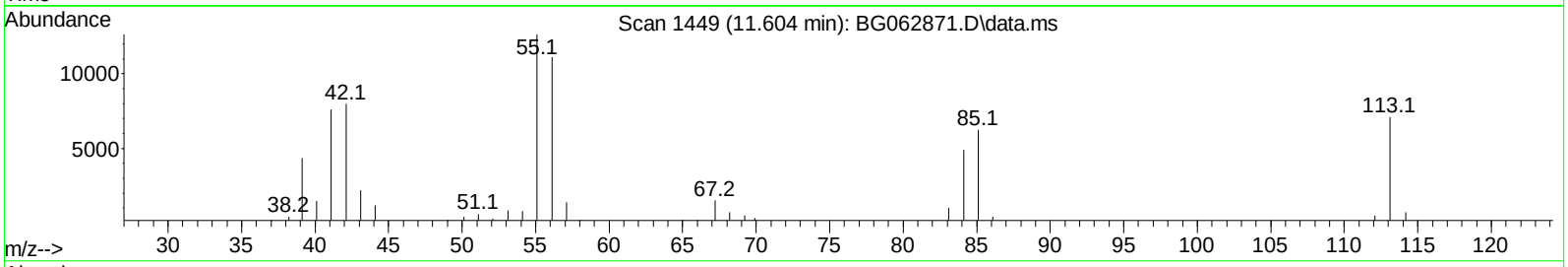

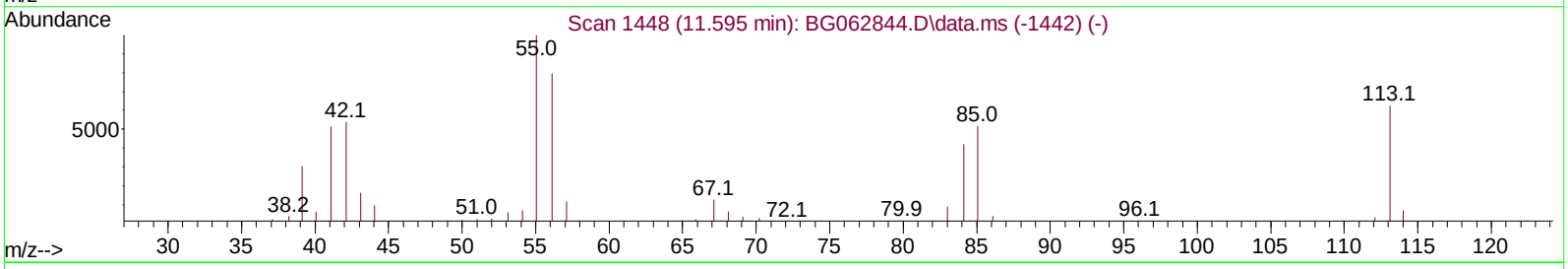

TIC: BG062871.D\data.ms

(34) Caprolactam

11.604min (+ 0.004) 13.81 ng/ul

response 15024

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	177.44
56.00	156.30	156.15
0.00	0.00	0.00

Quantitation Report (Qedit)

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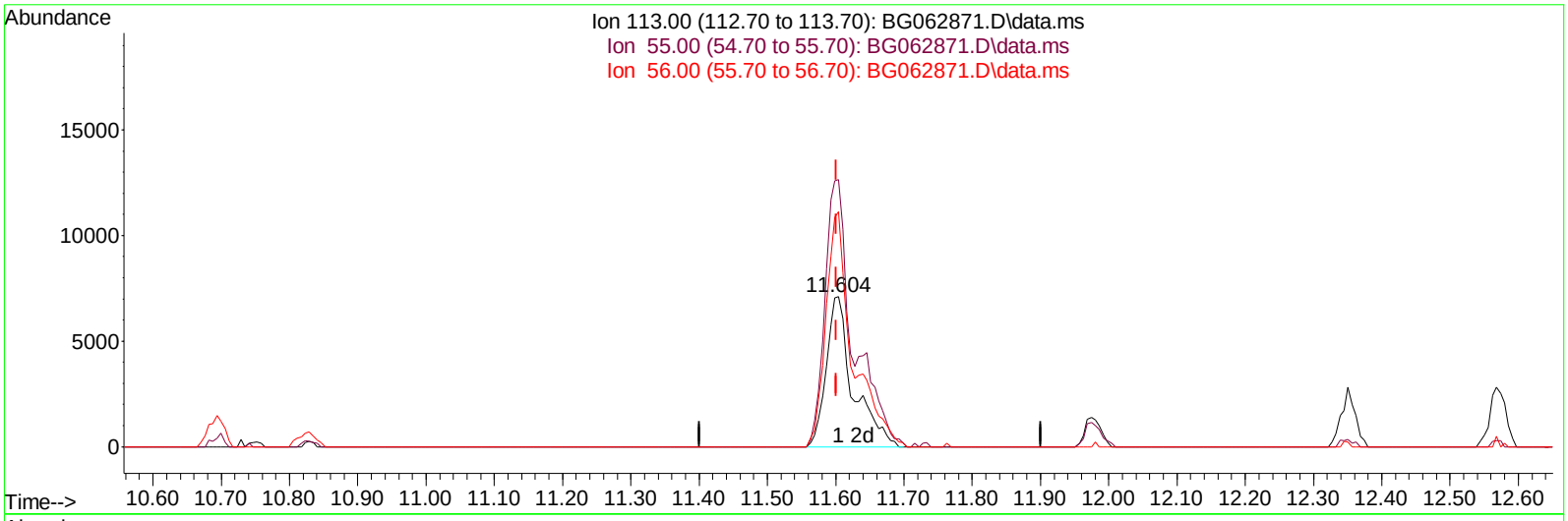

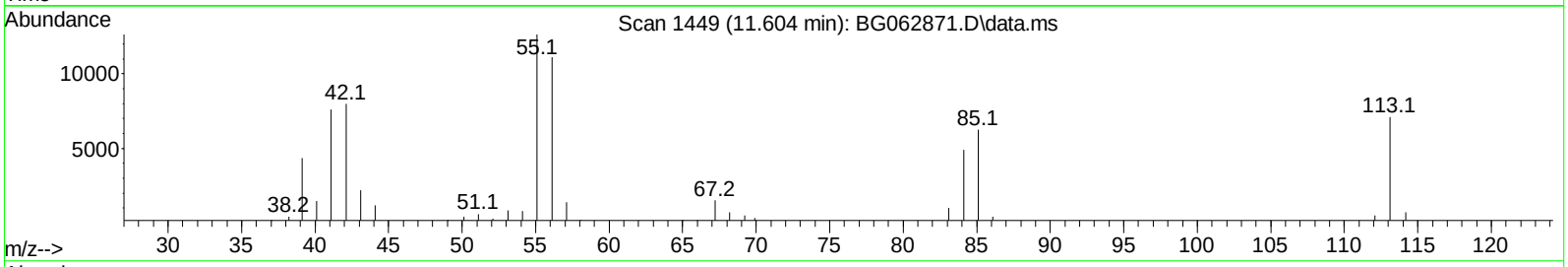

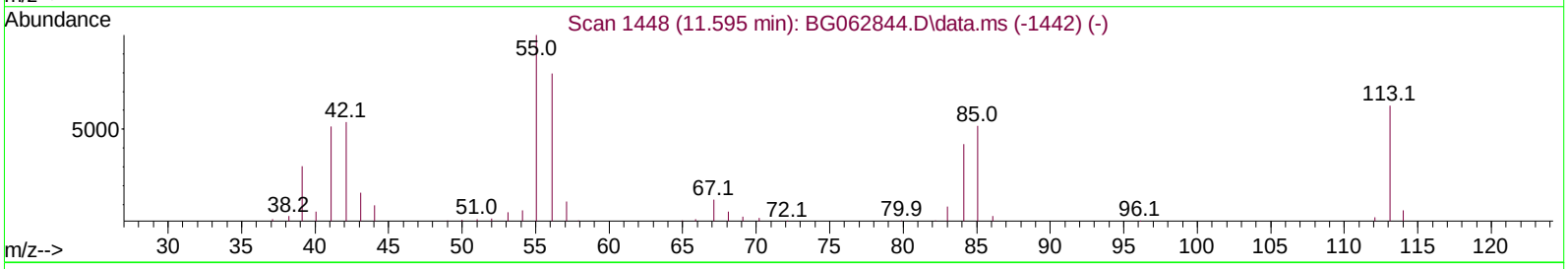

TIC: BG062871.D\data.ms

(34) Caprolactam

11.604min (+ 0.004) 17.74 ng/ul m

response 19306

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	188.50	177.44
56.00	156.30	156.15
0.00	0.00	0.00

Quantitation Report (Qedit)

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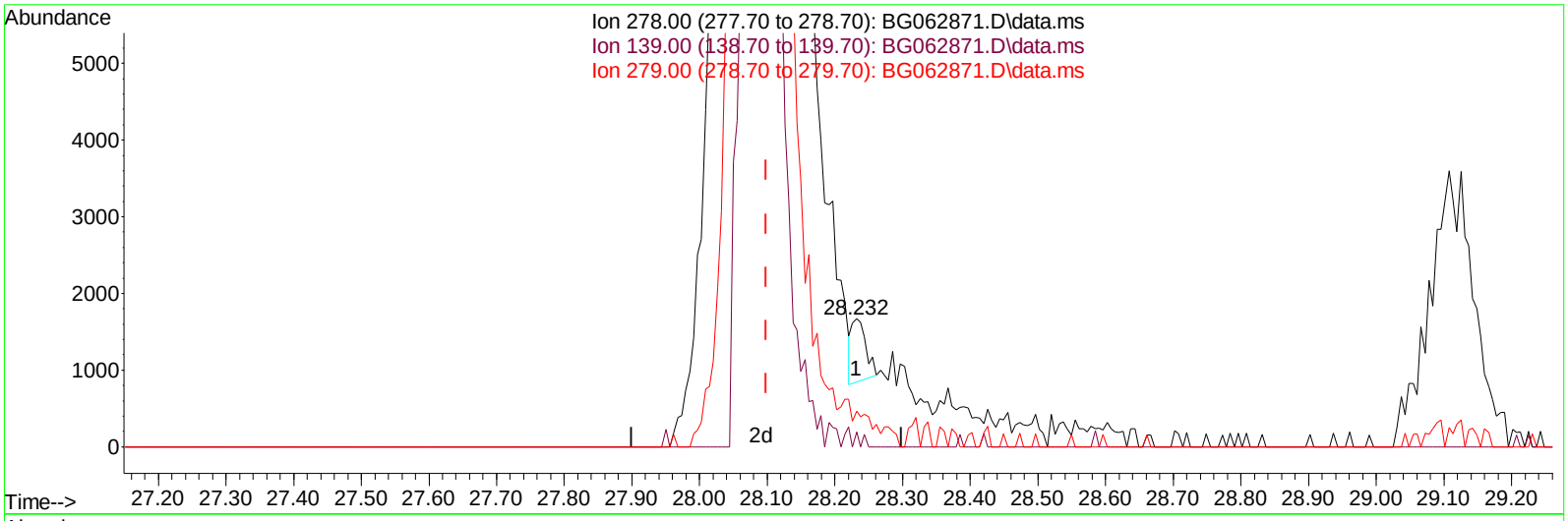

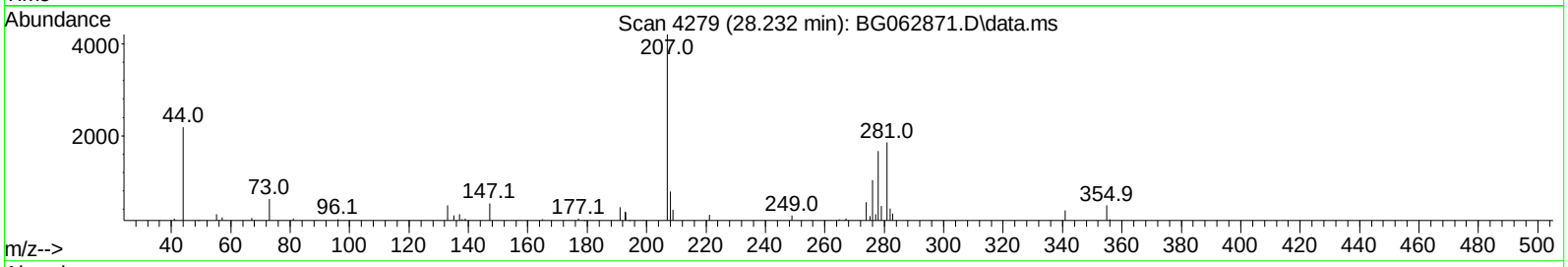

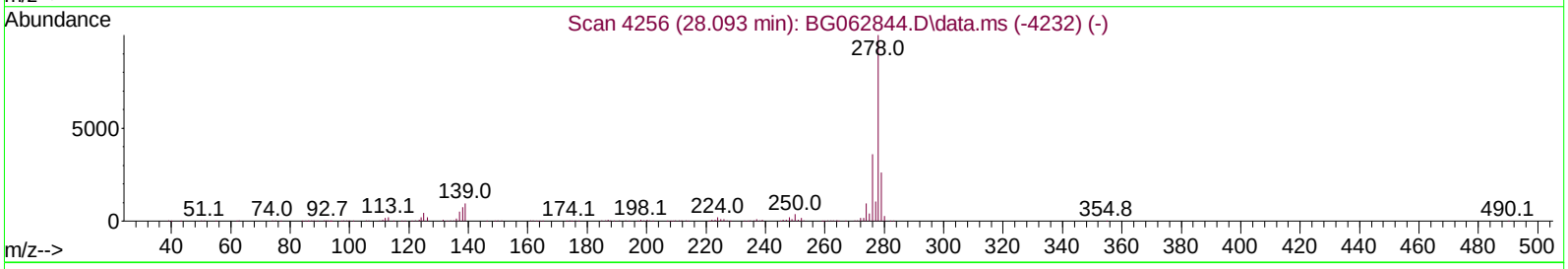

TIC: BG062871.D\data.ms

(95) Dibenzo(a,h)anthracene

28.232min (+ 0.133) 0.04 ng/ul

response 1213

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.80	11.51
279.00	23.30	27.88
0.00	0.00	0.00

Quantitation Report (Qedit)

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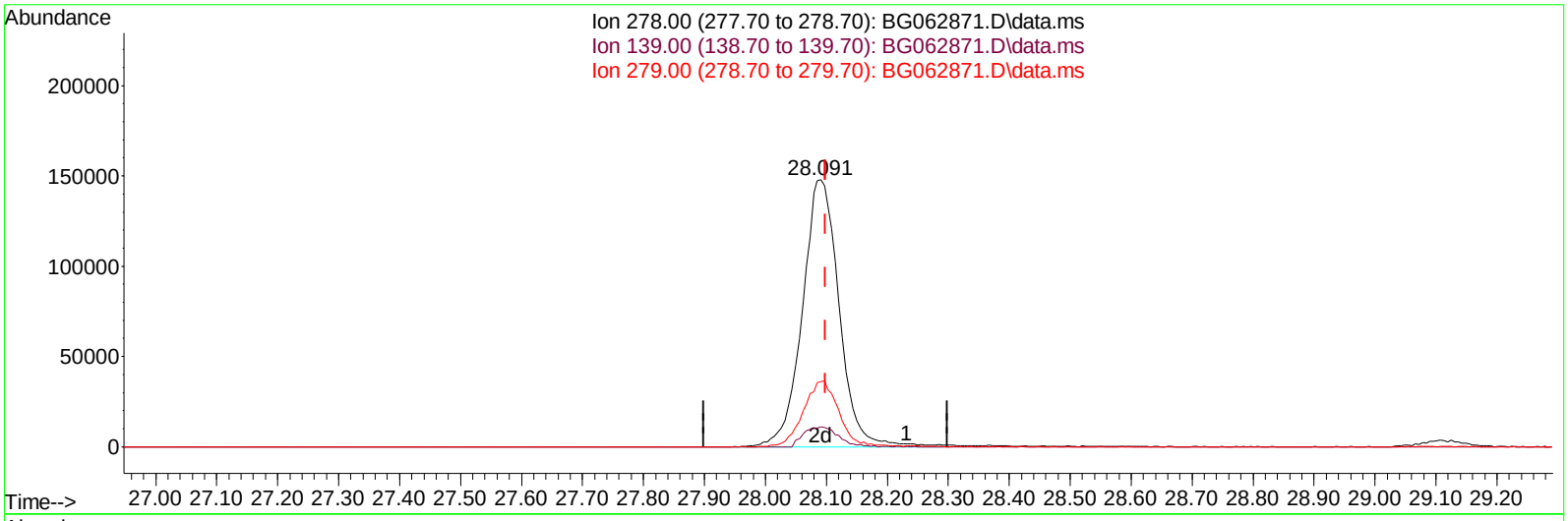

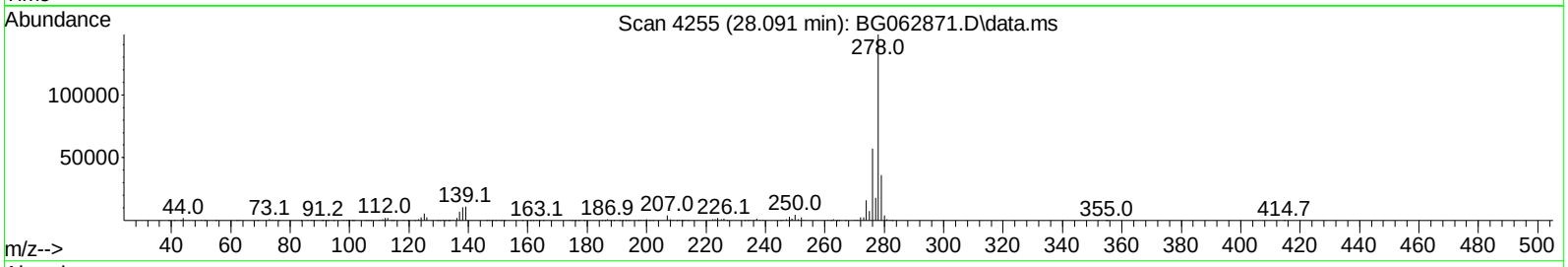

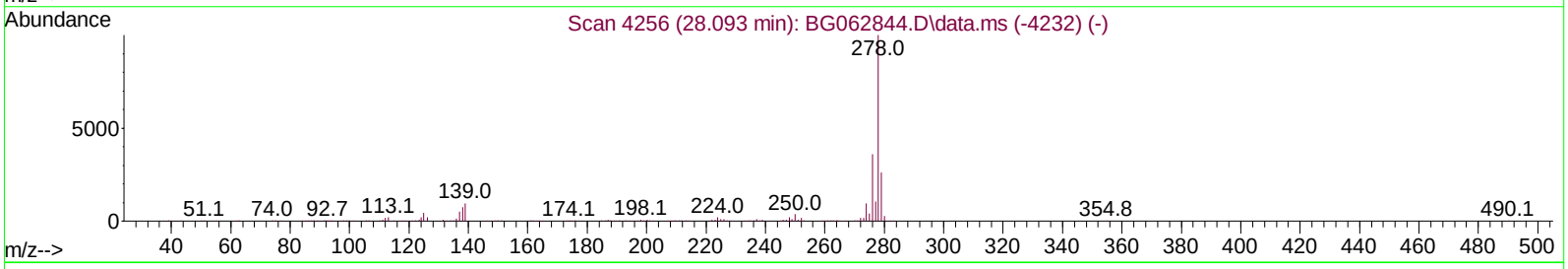

TIC: BG062871.D\data.ms

(95) Dibenzo(a,h)anthracene

28.091min (-0.008) 20.57 ng/ul m

response 620263

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	9.80	7.51#
279.00	23.30	24.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
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Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Sep 16 09:10:41 2024
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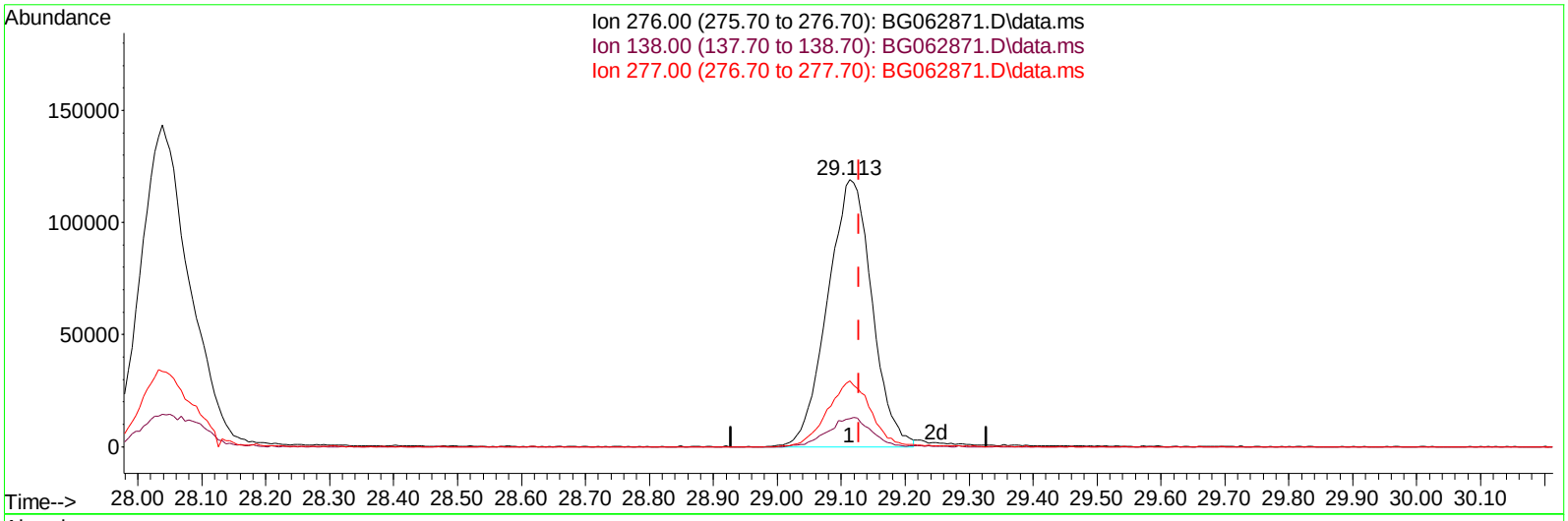
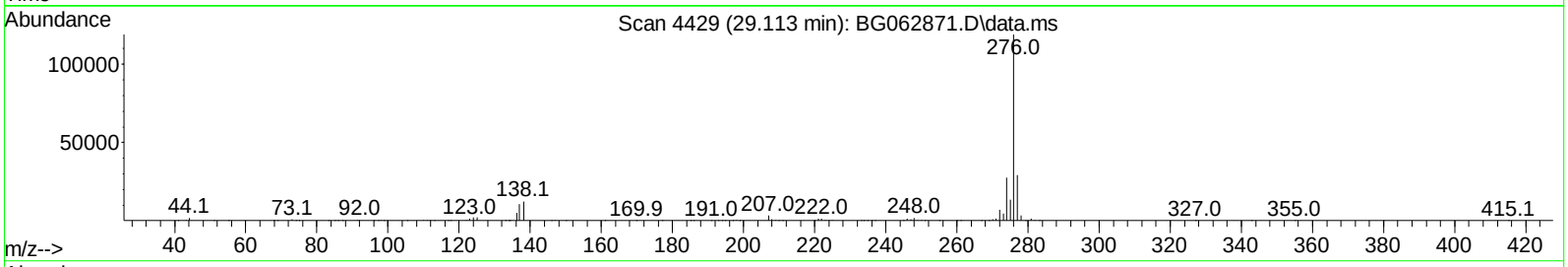
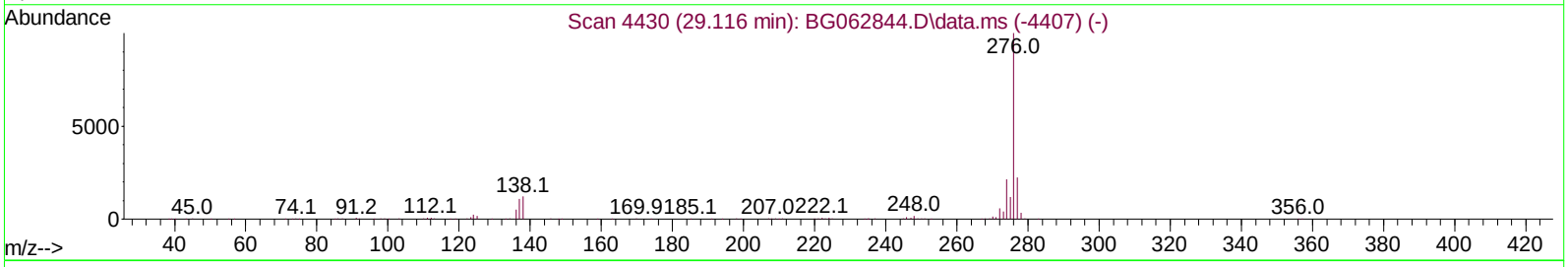






TIC: BG062871.D\data.ms

(96) Benzo(g,h,i)perylene

29.113min (-0.014) 19.70 ng/ul

response 571072

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.70	10.46#
277.00	23.00	24.56
0.00	0.00	0.00

Quantitation Report (Qedit)

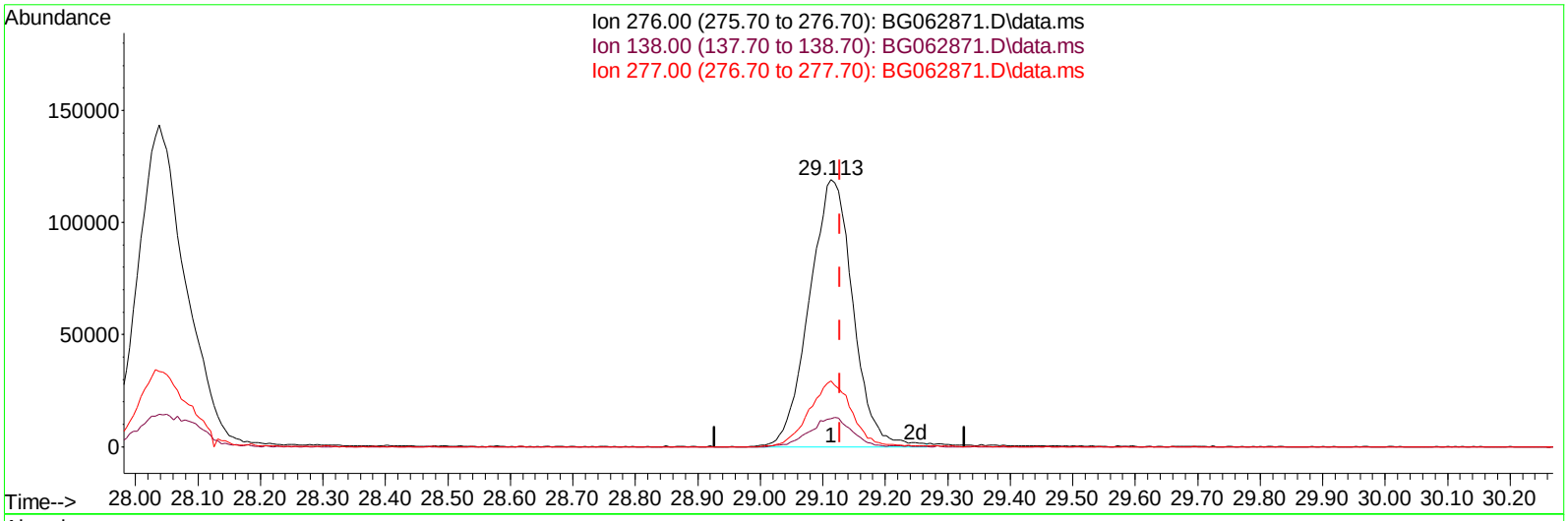
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062871.D
Acq On : 16 Sep 2024 8:33
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

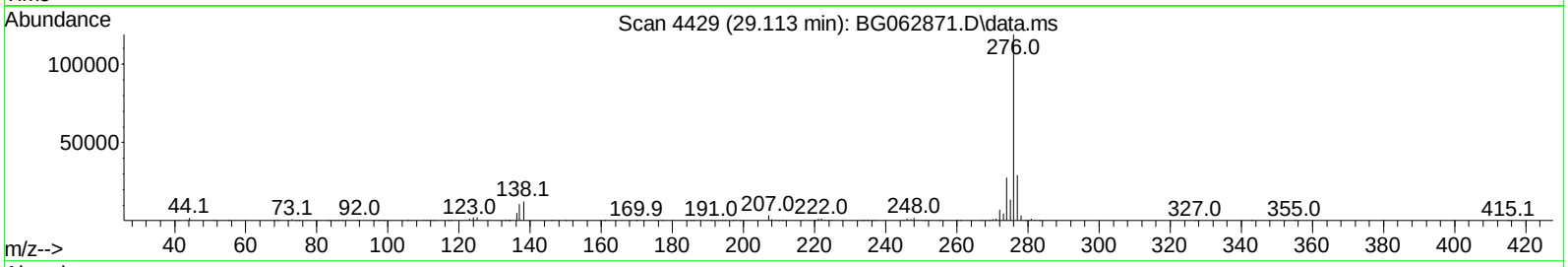
Quant Time: Sep 16 09:10:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

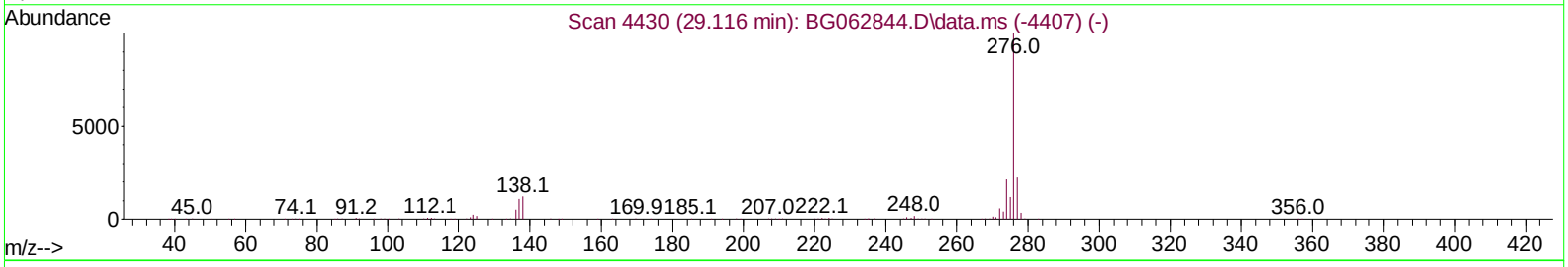
Instrument :
BNA_G
ClientSampleId :
SSTD020493

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024







TIC: BG062871.D\data.ms

(96) Benzo(g,h,i)perylene

29.113min (-0.014) 19.92 ng/ul m

response 577522

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	14.70	10.46#
277.00	23.00	24.56
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091324\
Data File : BG062871.D
Acq On : 16 Sep 2024 8:33
Operator : JU/RC
Sample : SSTDCCC020
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Sep 16 09:13:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.903	152	43647	20.000	ng/ul	0.00
20) Naphthalene-d8	10.694	136	176076	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.530	164	151705	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.274	188	415873	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.522	240	460139	20.000	ng/ul	# 0.00
88) Perylene-d12	24.583	264	523129	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	6064	6.280	ng/uL	0.00
4) Pyridine-d5	3.767	84	49611	16.141	ng/ul	0.00
7) Phenol-d5	7.069	99	63262	16.529	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.227	67	34096	14.859	ng/ul	0.00
11) 2-Chlorophenol-d4	7.439	132	49530	17.766	ng/ul	0.00
15) 4-Methylphenol-d8	8.608	113	58386	18.306	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	26319	20.914	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	31807	23.111	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	67099	22.387	ng/ul	0.00
31) 4-Chloroaniline-d4	10.823	131	78153	18.970	ng/ul	0.00
46) Dimethylphthalate-d6	13.931	166	214203	18.336	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	245805	18.945	ng/ul	0.00
54) 4-Nitrophenol-d4	14.730	143	35165	17.719	ng/ul	0.00
60) Fluorene-d10	15.523	176	200358	19.032	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.641	200	47201	19.731	ng/ul	0.00
73) Anthracene-d10	17.374	188	378312	19.275	ng/ul	0.00
81) Pyrene-d10	19.666	212	488625	18.871	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.372	264	539721	19.539	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	7159	6.615	ng/uL	97
5) Pyridine	3.784	79	51823	16.076	ng/ul	95
6) Benzaldehyde	7.039	77	42864	20.370	ng/ul	96
8) Phenol	7.098	94	66755	16.779	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.321	93	48353	16.077	ng/ul	98
12) 2-Chlorophenol	7.468	128	52195	18.311	ng/ul	97
13) 2-Methylphenol	8.344	108	54388	18.230	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.420	45	79617	14.707	ng/ul#	95
16) Acetophenone	8.720	105	91894	17.727	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.702	70	47548	17.522	ng/ul	94
18) 4-Methylphenol	8.667	108	60965	18.163	ng/ul	94
19) Hexachloroethane	8.978	117	23656	20.615	ng/ul#	78
22) Nitrobenzene	9.096	77	69340	20.368	ng/ul#	94
23) Isophorone	9.618	82	122222	17.560	ng/ul	98
25) 2-Nitrophenol	9.807	139	32876	21.673	ng/ul#	92
26) 2,4-Dimethylphenol	9.871	107	66193	20.422	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.100	93	66671	17.140	ng/ul	96
29) 2,4-Dichlorophenol	10.341	162	65042	22.033	ng/ul#	96
30) Naphthalene	10.747	128	182302	19.310	ng/ul	99
32) 4-Chloroaniline	10.852	127	75791	18.497	ng/ul	98
33) Hexachlorobutadiene	11.029	225	64927	26.401	ng/ul	93
34) Caprolactam	11.604	113	19306m	17.744	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	70006	21.739	ng/ul	98

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 10 01:28:17 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020493

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024
Supervised By :mohammad ahmed 09/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.351	142	137819	19.780	ng/ul	94
37) 1-Methylnaphthalene	12.568	142	142561	19.974	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.721	216	117023	22.438	ng/ul#	97
40) Hexachlorocyclopentadiene	12.703	237	63663	23.856	ng/ul	96
41) 2,4,6-Trichlorophenol	12.962	196	68085	21.552	ng/ul	99
42) 2,4,5-Trichlorophenol	13.032	196	76746	22.627	ng/ul	96
43) 1,1'-Biphenyl	13.361	154	201044	18.845	ng/ul	97
44) 2-Chloronaphthalene	13.402	162	163933	18.898	ng/ul	98
45) 2-Nitroaniline	13.602	65	48320	20.299	ng/ul	96
47) Dimethylphthalate	13.978	163	222249	18.473	ng/ul	100
48) 2,6-Dinitrotoluene	14.101	165	43174	20.369	ng/ul	96
50) Acenaphthylene	14.248	152	252356	18.423	ng/ul	99
51) 3-Nitroaniline	14.431	138	41741	19.670	ng/ul#	99
52) Acenaphthene	14.595	153	181897	18.747	ng/ul	98
53) 2,4-Dinitrophenol	14.642	184	26747	19.110	ng/ul	90
55) 4-Nitrophenol	14.748	109	38265	21.450	ng/ul	83
56) Dibenzofuran	14.924	168	271788	18.856	ng/ul	95
57) 2,4-Dinitrotoluene	14.889	165	69355	20.928	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.153	232	78695	22.895	ng/ul#	96
59) Diethylphthalate	15.347	149	221390	18.653	ng/ul	99
61) Fluorene	15.576	166	219993	19.429	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.570	204	140875	21.210	ng/ul	100
63) 4-Nitroaniline	15.594	138	44185	19.349	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.658	198	50025	20.174	ng/ul#	99
67) N-Nitrosodiphenylamine	15.782	169	197530	18.520	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	103505	21.629	ng/ul	97
69) Hexachlorobenzene	16.581	284	120196	21.998	ng/ul	98
70) Atrazine	16.734	200	96458	20.306	ng/ul	97
71) Pentachlorophenol	16.928	266	68130	20.847	ng/ul	97
72) Phenanthrene	17.315	178	408366	18.883	ng/ul	99
74) Anthracene	17.409	178	416293	18.882	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.326	216	118634	20.889	ng/ul	98
76) Pentachlorobenzene	14.848	250	131425	20.883	ng/ul	99
77) Carbazole	17.674	167	341344	18.670	ng/ul	99
78) Di-n-butylphthalate	18.238	149	393178	18.184	ng/ul	99
80) Fluoranthene	19.331	202	527743	18.403	ng/ul#	94
82) Pyrene	19.695	202	558000	18.076	ng/ul#	93
83) Butylbenzylphthalate	20.582	149	177279	19.345	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.422	252	214531	22.145	ng/ul	99
85) Benzo(a)anthracene	21.505	228	620336	19.384	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.416	149	252591	18.719	ng/ul	99
87) Chrysene	21.563	228	588831	19.394	ng/ul	99
89) Di-n-octyl phthalate	22.574	149	427990	17.589	ng/ul	100
90) Benzo(b)fluoranthene	23.614	252	612098	18.951	ng/ul#	97
91) Benzo(k)fluoranthene	23.679	252	629701	19.040	ng/ul#	98
93) Benzo(a)pyrene	24.442	252	580204	19.046	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.038	276	759163	20.226	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.091	278	620263m	20.573	ng/ul	
96) Benzo(g,h,i)perylene	29.113	276	577522m	19.922	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed