

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK  
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05  
Lab Code: CHEM Case No.: P3609 SAS No.: P3609 SDG NO.: P3609  
Lab File ID: VN083134.D BFB Injection Date: 08/07/2024  
Instrument ID: MSVOA\_N BFB Injection Time: 10:09  
GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

| m/e | ION ABUNDANCE CRITERIA             | % RELATIVE ABUNDANCE |
|-----|------------------------------------|----------------------|
| 50  | 15.0 - 40.0% of mass 95            | 19.7                 |
| 75  | 30.0 - 60.0% of mass 95            | 52.6                 |
| 95  | Base Peak, 100% relative abundance | 100                  |
| 96  | 5.0 - 9.0% of mass 95              | 7.5                  |
| 173 | Less than 2.0% of mass 174         | 0.2 ( 0.3 ) 1        |
| 174 | 50.0 - 100.0% of mass 95           | 66.5                 |
| 175 | 5.0 - 9.0% of mass 174             | 4.9 ( 7.4 ) 1        |
| 176 | 95.0 - 101.0% of mass 174          | 64.4 ( 96.9 ) 1      |
| 177 | 5.0 - 9.0% of mass 176             | 4.1 ( 6.3 ) 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 |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDICC100        | VSTDICC100       | VN083135.D     | 08/07/2024       | 10:33            |
| VSTDICCC050       | VSTDICCC050      | VN083136.D     | 08/07/2024       | 10:58            |
| VSTDICC020        | VSTDICC020       | VN083137.D     | 08/07/2024       | 11:22            |
| VSTDICC010        | VSTDICC010       | VN083138.D     | 08/07/2024       | 11:46            |
| VSTDICC005        | VSTDICC005       | VN083139.D     | 08/07/2024       | 12:10            |
| VSTDICC001        | VSTDICC001       | VN083140.D     | 08/07/2024       | 12:34            |