

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121124\
 Data File : VL041748.D
 Acq On : 12 Dec 2024 13:10
 Operator : SY/MD
 Sample : P5150-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4

Quant Time: Dec 12 14:05:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Thu Dec 12 13:35:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 12/13/2024
 Supervised By : Semsettin Yesilyurt 12/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.774	49	237429	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.942	114	1121250	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.869	117	991065	10.000	ppbv	-0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	660020	10.130	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.300%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.492	85	21357	0.512	ppbv	95
4) Chloromethane	1.525	50	4731	0.428	ppbv	98
9) Propene	1.479	41	5387m	0.391	ppbv	
10) Heptane	4.952	43	4551	0.119	ppbv	93
11) Trichlorofluoromethane	1.868	101	11101	0.231	ppbv	99
13) Ethanol	1.722	45	40338	35.384	ppbv	96
15) Acetone	1.829	43	64714	2.361	ppbv	99
19) Isopropyl Alcohol	1.887	45	11675	0.448	ppbv #	1
20) Methylene Chloride	2.052	84	224356	13.512	ppbv	98
26) Hexane	2.813	57	88104	2.384	ppbv #	45
29) Chloroform	2.839	83	22812	0.403	ppbv	99
34) 2-Butanone	2.551	43	14521	0.370	ppbv	99
35) Carbon Tetrachloride	3.752	117	2786	0.053	ppbv #	78
36) Benzene	3.642	78	8522	0.097	ppbv #	94
38) Trichloroethene	4.528	130	42924	0.939	ppbv	97
52) Tetrachloroethene	8.208	164	118547	2.538	ppbv	99
53) Toluene	6.914	91	30351	0.280	ppbv	100

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

Manual Integrations

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Chromatogram plot showing Abundance vs Time (min). The y-axis ranges from 0 to 3,000,000. The x-axis ranges from 1.00 to 21.00 minutes. The plot shows a complex mixture of compounds with several major peaks labeled:

- Chlorobenzene-d5, I (approx. 1.5 min)
- 1,4-Difluorobenzene, I (approx. 4.0 min)
- Chlorobenzene-d5, I (approx. 8.8 min)
- 1-Bromo-4-Fluorobenzene, S (approx. 10.5 min)
- Methylene Chloride, T
- Bromochloromethane, I
- Tetrachloroethene, T
- Toluene, T
- Heptane, T
- 2-Butanone, T
- Chloroform, T
- Hexane, T
- Benzene, T