

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111821\
 Data File : VL038067.D
 Acq On : 18 Nov 2021 23:44
 Operator : SY/AP
 Sample : M4704-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 57-NEONEY

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/25/2021
 Supervised By : Mahesh Dadoda 11/29/2021

Quant Time: Nov 19 08:25:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	855319	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2415217	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2040113	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1500185	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	27725	0.196	ppbv	98
4) Chloromethane	3.15	50	31564	0.516	ppbv	99
9) Propene	3.02	41	3977772	60.131	ppbv	99
10) Heptane	8.11	43	87131m	0.533	ppbv	
11) Trichlorofluoromethane	3.95	101	23541	0.175	ppbv	94
13) Ethanol	3.61	45	233726	36.561	ppbv	94
15) Acetone	3.85	43	11355446	153.126	ppbv	91
17) tert-Butyl alcohol	4.30	59	183670	2.042	ppbv	99
19) Isopropyl Alcohol	3.97	45	160939	3.004	ppbv #	95
20) Methylene Chloride	4.35	84	334086	8.043	ppbv	97
26) Hexane	5.69	57	358537	3.018	ppbv #	42
27) Carbon Disulfide	4.55	76	63551	0.597	ppbv #	83
30) Cyclohexane	7.13	84	18973m	0.176	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	8802m	0.050	ppbv	
34) 2-Butanone	5.25	43	614029	6.305	ppbv	97
35) Carbon Tetrachloride	7.02	117	7514m	0.044	ppbv	
36) Benzene	6.89	78	111864	0.464	ppbv	96
44) 2,2,4-Trimethylpentane	7.86	57	180117m	0.447	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	23099m	0.156	ppbv	
51) 2-Hexanone	10.15	43	83702m	1.203	ppbv	
53) Toluene	9.80	91	766903	2.767	ppbv	98
58) Ethyl Benzene	12.71	91	145845	0.433	ppbv #	88
59) m/p-Xylene	12.96	91	389937	1.374	ppbv	95
60) o-Xylene	13.69	91	142075	0.540	ppbv	99
64) n-propylbenzene	15.56	120	9921m	0.104	ppbv	
72) 4-Ethyltoluene	15.83	105	53354m	0.175	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	32274m	0.116	ppbv	
74) 1,2,4-Trimethylbenzene	16.75	105	125111	0.435	ppbv #	69

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

