

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL121621\
 Data File : VL038187.D
 Acq On : 16 Dec 2021 13:24
 Operator : SY/AP
 Sample : M5117-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/20/2021
 Supervised By :Mahesh Dadoda 12/20/2021

Quant Time: Dec 17 05:45:50 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	1023887	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2695574	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2238545	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1745074	10.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.10%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	43252	0.256	ppbv	98
3) Chlorodifluoromethane	3.00	51	257757m	1.199	ppbv	
4) Chloromethane	3.15	50	27693m	0.378	ppbv	
9) Propene	3.03	41	449761m	5.680	ppbv	
10) Heptane	8.12	43	42181m	0.216	ppbv	
11) Trichlorofluoromethane	3.96	101	32808m	0.204	ppbv	
13) Ethanol	3.61	45	1921389	251.077	ppbv	92
15) Acetone	3.85	43	390031	4.394	ppbv #	85
19) Isopropyl Alcohol	3.98	45	295810	4.612	ppbv #	98
20) Methylene Chloride	4.35	84	1844385	37.093	ppbv	98
26) Hexane	5.69	57	1277872	8.986	ppbv #	46
30) Cyclohexane	7.13	84	23395	0.181	ppbv #	20
34) 2-Butanone	5.25	43	49111	0.452	ppbv	97
35) Carbon Tetrachloride	7.02	117	11597m	0.061	ppbv	
36) Benzene	6.89	78	178931	0.665	ppbv	98
38) Trichloroethene	7.83	130	7267m	0.072	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	149898	0.333	ppbv #	78
52) Tetrachloroethene	11.22	164	4154m	0.042	ppbv	
53) Toluene	9.80	91	385107m	1.245	ppbv	
58) Ethyl Benzene	12.71	91	89077m	0.241	ppbv	
59) m/p-Xylene	12.97	91	229586m	0.737	ppbv	
60) o-Xylene	13.69	91	80392	0.278	ppbv	95
61) Styrene	13.53	104	18364m	0.119	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	75594m	0.240	ppbv	

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

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