

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036812.D
 Acq On : 13 Apr 2021 20:58
 Operator : SY/AP
 Sample : M2018-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG4

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2021
 Supervised By :Mahesh Dadoda 04/14/2021

Quant Time: Apr 14 09:41:06 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu Mar 25 09:42:40 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1371790	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3384312	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2744307	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2033099	9.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	31238	0.140	ppbv 91
3) Chlorodifluoromethane	2.98	51	44936	0.175	ppbv 95
4) Chloromethane	3.13	50	23835	0.263	ppbv 96
9) Propene	3.02	41	359017	4.394	ppbv # 79
10) Heptane	8.12	43	1544833	7.422	ppbv 100
11) Trichlorofluoromethane	3.94	101	50473	0.221	ppbv 95
13) Ethanol	3.61	45	415890	42.743	ppbv 92
15) Acetone	3.84	43	11030606	81.698	ppbv 94
17) tert-Butyl alcohol	4.30	59	488242	4.154	ppbv 97
19) Isopropyl Alcohol	3.98	45	1113541	14.993	ppbv # 89
20) Methylene Chloride	4.34	84	1124418	17.787	ppbv 98
26) Hexane	5.68	57	1026657	6.892	ppbv # 48
27) Carbon Disulfide	4.55	76	418352	2.851	ppbv 95
30) Cyclohexane	7.13	84	132542m	1.097	ppbv
32) 1,1,1-Trichloroethane	6.51	97	93874m	0.391	ppbv
34) 2-Butanone	5.25	43	520948	3.153	ppbv 97
35) Carbon Tetrachloride	7.02	117	25460m	0.098	ppbv
36) Benzene	6.89	78	127198m	0.408	ppbv
52) Tetrachloroethene	11.23	164	14343m	0.125	ppbv
53) Toluene	9.81	91	1364630	4.106	ppbv 99
58) Ethyl Benzene	12.72	91	403621	1.011	ppbv 93
59) m/p-Xylene	12.97	91	914606	2.626	ppbv 93
60) o-Xylene	13.70	91	279236m	0.829	ppbv
61) Styrene	13.53	104	468141m	2.764	ppbv
62) Isopropylbenzene	14.67	105	9851200	21.725	ppbv 96
64) n-propylbenzene	15.57	120	25955m	0.234	ppbv
72) 4-Ethyltoluene	15.84	105	127798	0.346	ppbv 96
73) 1,3,5-Trimethylbenzene	16.00	105	73181m	0.213	ppbv
74) 1,2,4-Trimethylbenzene	16.76	105	238312	0.647	ppbv # 59

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

