

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041321\
 Data File : VL036807.D
 Acq On : 13 Apr 2021 17:36
 Operator : SY/AP
 Sample : M2018-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG1

Manual Integrations
 APPROVED

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

Quant Time: Apr 14 09:18:53 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	5.67	49	1418724	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3552681	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2978419	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2095690	8.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	88.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	31178	0.135	ppbv	92
3) Chlorodifluoromethane	2.99	51	35081m	0.132	ppbv	
4) Chloromethane	3.14	50	26204	0.280	ppbv #	84
9) Propene	3.02	41	403597	4.776	ppbv #	76
10) Heptane	8.13	43	2344256	10.890	ppbv	99
11) Trichlorofluoromethane	3.95	101	36767m	0.156	ppbv	
13) Ethanol	3.62	45	631720	62.777	ppbv	95
15) Acetone	3.84	43	14482783	103.718	ppbv #	90
17) tert-Butyl alcohol	4.31	59	177458	1.460	ppbv	96
19) Isopropyl Alcohol	3.99	45	738025	9.608	ppbv #	89
20) Methylene Chloride	4.35	84	2713498	41.505	ppbv	94
26) Hexane	5.69	57	2189173	14.210	ppbv #	47
27) Carbon Disulfide	4.55	76	530602	3.496	ppbv	97
28) Methyl tert-Butyl Ether	5.04	73	23104m	0.127	ppbv	
29) Chloroform	5.76	83	91729	0.372	ppbv	92
30) Cyclohexane	7.13	84	132653	1.062	ppbv	97
34) 2-Butanone	5.25	43	501859	2.894	ppbv	97
35) Carbon Tetrachloride	7.02	117	9359m	0.034	ppbv	
36) Benzene	6.89	78	266519	0.813	ppbv	91
52) Tetrachloroethene	11.21	164	6199m	0.051	ppbv	
53) Toluene	9.81	91	2552105	7.314	ppbv	100
58) Ethyl Benzene	12.71	91	412793	0.953	ppbv #	88
59) m/p-Xylene	12.97	91	1061834	2.809	ppbv	95
60) o-Xylene	13.69	91	314180	0.860	ppbv	100
61) Styrene	13.53	104	332142	1.807	ppbv	99
62) Isopropylbenzene	14.68	105	6363378	12.930	ppbv	99
72) 4-Ethyltoluene	15.84	105	134020	0.335	ppbv	95
73) 1,3,5-Trimethylbenzene	16.00	105	83829m	0.224	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	279712	0.699	ppbv #	66

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

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