

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035349.D
 Acq On : 6 Aug 2020 14:32
 Operator : SY/AP
 Sample : L3554-06
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 2-UNDER-GROUND

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 10:43:14 AM

Quant Time: Aug 09 21:20:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL080520AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Aug 0
 QLast Update : Wed Aug 05 13:04:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1340425	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3405523	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3306061	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2791950	10.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.00	85	54544	0.306	ppbv	94
3) Chlorodifluoromethane	2.94	51	44635m	0.292	ppbv	
4) Chloromethane	3.09	50	59204	0.683	ppbv	95
10) Heptane	8.12	43	82562	0.593	ppbv	98
11) Trichlorofluoromethane	3.91	101	61599	0.267	ppbv	94
13) Ethanol	3.58	45	281750m	14.983	ppbv	
15) Acetone	3.80	43	2792836	14.672	ppbv	92
17) tert-Butyl alcohol	4.28	59	164321	0.941	ppbv	96
19) Isopropyl Alcohol	3.95	45	852642m	7.067	ppbv	
20) Methylene Chloride	4.31	84	243211	3.133	ppbv	91
26) Hexane	5.66	57	212610	1.695	ppbv #	44
27) Carbon Disulfide	4.51	76	1618794	9.228	ppbv	100
29) Chloroform	5.73	83	203067	0.939	ppbv	100
30) Cyclohexane	7.12	84	56513	0.594	ppbv	89
32) 1,1,1-Trichloroethane	6.50	97	15011m	0.066	ppbv	
34) 2-Butanone	5.21	43	871417	5.197	ppbv	99
35) Carbon Tetrachloride	7.01	117	17270m	0.074	ppbv	
36) Benzene	6.88	78	155897	0.678	ppbv	97
44) 2,2,4-Trimethylpentane	7.86	57	158962	0.389	ppbv #	76
50) 4-Methyl-2-Pentanone	8.75	43	39269m	0.153	ppbv	
51) 2-Hexanone	10.14	43	467273	2.328	ppbv #	95
52) Tetrachloroethene	11.23	164	7615m	0.084	ppbv	
53) Toluene	9.81	91	1844969	7.375	ppbv	100
54) 1,2-Dibromoethane	10.60	107	67324m	0.419	ppbv	
58) Ethyl Benzene	12.73	91	459076	1.334	ppbv	92
59) m/p-Xylene	12.99	91	1292790	4.036	ppbv	99
60) o-Xylene	13.71	91	590938	1.859	ppbv	98
61) Styrene	13.55	104	59675m	0.307	ppbv	
62) Isopropylbenzene	14.69	105	114334m	0.239	ppbv	
65) tert-Butylbenzene	16.80	119	136515m	0.311	ppbv	
69) p-Isopropyltoluene	17.70	119	124242m	0.246	ppbv	
70) n-Butylbenzene	18.59	91	149171m	0.276	ppbv	
72) 4-Ethyltoluene	15.87	105	280038	0.773	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	298787	0.859	ppbv	100
74) 1,2,4-Trimethylbenzene	16.80	105	958121	2.411	ppbv #	71
76) 1,4-Dichlorobenzene	17.18	146	159112m	0.661	ppbv	
79) Naphthalene	22.25	128	861462	2.818	ppbv	97
80) Naphthalene,2-methyl-	25.00	142	95560	1.374	ppbv	98

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

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