

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035363.D
 Acq On : 6 Aug 2020 23:49
 Operator : SY/AP
 Sample : L3554-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 1-ABOVE-GROUND

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:54:37 PM

Quant Time: Aug 09 21:25:56 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	1372113	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3451224	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	3247049	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2785230	10.29	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	58857	0.322	ppbv #	85
3) Chlorodifluoromethane	2.93	51	51756m	0.330	ppbv	
4) Chloromethane	3.09	50	51422	0.580	ppbv #	85
9) Propene	2.96	41	52781	0.946	ppbv	87
10) Heptane	8.12	43	33668	0.236	ppbv	93
11) Trichlorofluoromethane	3.91	101	50911	0.215	ppbv	97
13) Ethanol	3.57	45	282631	14.682	ppbv	94
15) Acetone	3.81	43	1821718	9.349	ppbv	97
17) tert-Butyl alcohol	4.27	59	117583	0.657	ppbv	95
19) Isopropyl Alcohol	3.94	45	288750m	2.338	ppbv	
20) Methylene Chloride	4.31	84	199063	2.505	ppbv	97
26) Hexane	5.66	57	147629	1.150	ppbv #	47
29) Chloroform	5.74	83	72304	0.327	ppbv #	82
34) 2-Butanone	5.22	43	124055	0.730	ppbv	95
35) Carbon Tetrachloride	7.01	117	13965m	0.059	ppbv	
36) Benzene	6.88	78	61313	0.263	ppbv	96
38) Trichloroethene	7.84	130	10775m	0.100	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	97571m	0.236	ppbv	
52) Tetrachloroethene	11.24	164	8228m	0.089	ppbv	
53) Toluene	9.81	91	2174518	8.577	ppbv	100
58) Ethyl Benzene	12.73	91	583934	1.728	ppbv #	87
59) m/p-Xylene	12.98	91	1527697	4.856	ppbv	98
60) o-Xylene	13.71	91	761188	2.438	ppbv	97
62) Isopropylbenzene	14.69	105	84083	0.179	ppbv	96
64) n-propylbenzene	15.59	120	51118m	0.405	ppbv	
65) tert-Butylbenzene	16.79	119	119371m	0.277	ppbv	
70) n-Butylbenzene	18.58	91	85181m	0.160	ppbv	
72) 4-Ethyltoluene	15.86	105	257059	0.722	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.02	105	309883	0.907	ppbv	97
74) 1,2,4-Trimethylbenzene	16.79	105	1040252	2.665	ppbv #	71
76) 1,4-Dichlorobenzene	17.17	146	31810m	0.135	ppbv	
79) Naphthalene	22.24	128	3159446	10.522	ppbv	99
80) Naphthalene,2-methyl-	25.00	142	232975	3.411	ppbv	98

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

