

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035351.D
 Acq On : 6 Aug 2020 15:52
 Operator : SY/AP
 Sample : L3554-07
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 3-ABOVE-GROUND

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 10:43:17 AM

Quant Time: Aug 09 21:20:30 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	1430193	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3568202	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	3391673	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2850490	10.08	ppbv	0.00	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	47698	0.251	ppbv	95
3) Chlorodifluoromethane	2.94	51	61499m	0.377	ppbv	
4) Chloromethane	3.09	50	60253	0.652	ppbv	91
9) Propene	2.97	41	91136	1.567	ppbv #	82
10) Heptane	8.12	43	73821	0.497	ppbv	97
11) Trichlorofluoromethane	3.91	101	52749	0.214	ppbv	97
13) Ethanol	3.58	45	750461	37.402	ppbv	99
15) Acetone	3.81	43	2171441	10.692	ppbv	98
17) tert-Butyl alcohol	4.28	59	213290	1.144	ppbv	96
19) Isopropyl Alcohol	3.95	45	536246m	4.165	ppbv	
20) Methylene Chloride	4.31	84	432943	5.227	ppbv	97
26) Hexane	5.67	57	519452	3.881	ppbv #	45
29) Chloroform	5.74	83	79175	0.343	ppbv	93
30) Cyclohexane	7.12	84	23226m	0.229	ppbv	
34) 2-Butanone	5.22	43	203947m	1.161	ppbv	
35) Carbon Tetrachloride	7.01	117	15487m	0.063	ppbv	
36) Benzene	6.88	78	94868m	0.394	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	139032	0.325	ppbv #	78
52) Tetrachloroethene	11.24	164	5077m	0.053	ppbv	
53) Toluene	9.82	91	5436187	20.740	ppbv	98
58) Ethyl Benzene	12.73	91	1171500	3.319	ppbv	94
59) m/p-Xylene	12.99	91	2760091	8.399	ppbv	99
60) o-Xylene	13.71	91	1436275	4.404	ppbv	98
61) Styrene	13.55	104	42984m	0.216	ppbv	
62) Isopropylbenzene	14.69	105	193932	0.395	ppbv	99
64) n-propylbenzene	15.59	120	107137	0.812	ppbv	91
65) tert-Butylbenzene	16.79	119	218547m	0.486	ppbv	
69) p-Isopropyltoluene	17.68	119	145605	0.281	ppbv #	93
70) n-Butylbenzene	18.59	91	176285m	0.318	ppbv	
72) 4-Ethyltoluene	15.87	105	481033	1.294	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	607279	1.702	ppbv	91
74) 1,2,4-Trimethylbenzene	16.79	105	1855922	4.551	ppbv #	71
76) 1,4-Dichlorobenzene	17.17	146	49140m	0.199	ppbv	
79) Naphthalene	22.25	128	5948036	18.965	ppbv	98
80) Naphthalene,2-methyl-	25.00	142	840054	11.775	ppbv	98

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

