

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035353.D
 Acq On : 6 Aug 2020 17:11
 Operator : SY/AP
 Sample : L3554-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 4-UNDER-GROUND

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 10:43:20 AM

Quant Time: Aug 09 21:20:09 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	1455858	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3587933	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3421470	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2861872	10.03	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.30%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.00	85	48991	0.253	ppbv	89
3) Chlorodifluoromethane	2.94	51	52796m	0.318	ppbv	
4) Chloromethane	3.09	50	51605	0.548	ppbv	99
9) Propene	2.96	41	96786m	1.634	ppbv	
10) Heptane	8.12	43	36506m	0.241	ppbv	
11) Trichlorofluoromethane	3.91	101	53644	0.214	ppbv	91
13) Ethanol	3.61	45	798132	39.077	ppbv	95
15) Acetone	3.81	43	2655819	12.846	ppbv	96
19) Isopropyl Alcohol	3.97	45	398831m	3.043	ppbv	
20) Methylene Chloride	4.31	84	503888	5.977	ppbv	99
26) Hexane	5.66	57	383604	2.815	ppbv #	47
29) Chloroform	5.74	83	357838	1.523	ppbv	94
30) Cyclohexane	7.13	84	16708	0.162	ppbv #	6
34) 2-Butanone	5.22	43	644255	3.647	ppbv	96
35) Carbon Tetrachloride	7.01	117	14104m	0.057	ppbv	
36) Benzene	6.88	78	75782m	0.313	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	107331m	0.249	ppbv	
51) 2-Hexanone	10.15	43	80654	0.381	ppbv #	99
52) Tetrachloroethene	11.22	164	11855m	0.123	ppbv	
53) Toluene	9.82	91	1023414	3.883	ppbv	98
54) 1,2-Dibromoethane	10.61	107	487641m	2.882	ppbv	
58) Ethyl Benzene	12.73	91	72805	0.204	ppbv	98
59) m/p-Xylene	12.99	91	232013	0.700	ppbv	99
60) o-Xylene	13.72	91	110572m	0.336	ppbv	
72) 4-Ethyltoluene	15.87	105	80296m	0.214	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	76710m	0.213	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	284375	0.691	ppbv #	71
76) 1,4-Dichlorobenzene	17.16	146	39947m	0.160	ppbv	
79) Naphthalene	22.25	128	113569m	0.359	ppbv	
80) Naphthalene,2-methyl-	25.00	142	13289	0.185	ppbv #	88

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

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