

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035345.D
 Acq On : 6 Aug 2020 11:41
 Operator : SY/AP
 Sample : L3557-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:53:32 PM

Quant Time: Aug 07 10:02:18 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	5.64	49	1180294	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3034766	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2921636	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2507132	10.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.00	85	33342	0.212	ppbv	97
3) Chlorodifluoromethane	2.94	51	46966m	0.349	ppbv	
4) Chloromethane	3.09	50	51522	0.675	ppbv	89
9) Propene	2.98	41	31384m	0.654	ppbv	
10) Heptane	8.11	43	28278m	0.231	ppbv	
11) Trichlorofluoromethane	3.91	101	49490	0.243	ppbv	97
13) Ethanol	3.56	45	1848282	111.621	ppbv	97
15) Acetone	3.80	43	2178487m	12.997	ppbv	
19) Isopropyl Alcohol	3.93	45	369127m	3.474	ppbv	
20) Methylene Chloride	4.31	84	204106	2.986	ppbv	89
26) Hexane	5.66	57	262126	2.373	ppbv #	57
27) Carbon Disulfide	4.52	76	50819	0.329	ppbv #	71
34) 2-Butanone	5.22	43	156187	1.045	ppbv	95
35) Carbon Tetrachloride	7.00	117	14342m	0.069	ppbv	
36) Benzene	6.87	78	53547	0.261	ppbv #	90
37) 1,2-Dichloroethane	6.29	62	18719m	0.131	ppbv	
38) Trichloroethene	7.83	130	4225m	0.045	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	49990m	0.137	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	32856m	0.144	ppbv	
52) Tetrachloroethene	11.23	164	6869m	0.085	ppbv	
53) Toluene	9.81	91	2259524	10.136	ppbv	100
58) Ethyl Benzene	12.73	91	89574	0.295	ppbv	92
59) m/p-Xylene	12.99	91	189899m	0.671	ppbv	
60) o-Xylene	13.71	91	74238m	0.264	ppbv	
61) Styrene	13.55	104	38374m	0.224	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	35163m	0.114	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	83759m	0.238	ppbv	
79) Naphthalene	22.24	128	125326m	0.464	ppbv	
80) Naphthalene,2-methyl-	25.00	142	9137	0.149	ppbv #	92

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

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