

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL080620\
 Data File : VL035346.D
 Acq On : 6 Aug 2020 12:22
 Operator : SY/AP
 Sample : L3557-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1DUP

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 12:53:35 PM

Quant Time: Aug 07 10:05:34 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	1269919	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3167691	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2951731	10.00	ppbv	-0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2540262	10.32	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	30229	0.179	ppbv	95
3) Chlorodifluoromethane	2.93	51	52402m	0.361	ppbv	
4) Chloromethane	3.09	50	54762	0.667	ppbv #	82
9) Propene	2.96	41	15693	0.304	ppbv #	15
10) Heptane	8.11	43	29493m	0.224	ppbv	
11) Trichlorofluoromethane	3.91	101	51624m	0.236	ppbv	
13) Ethanol	3.56	45	1849384	103.805	ppbv	97
15) Acetone	3.80	43	2321666m	12.874	ppbv	
19) Isopropyl Alcohol	3.93	45	389690m	3.409	ppbv	
20) Methylene Chloride	4.30	84	253299	3.444	ppbv	97
26) Hexane	5.66	57	305134	2.567	ppbv #	56
27) Carbon Disulfide	4.51	76	53510	0.322	ppbv #	85
34) 2-Butanone	5.22	43	164033	1.052	ppbv	97
35) Carbon Tetrachloride	7.01	117	13556m	0.062	ppbv	
36) Benzene	6.88	78	57581m	0.269	ppbv	
37) 1,2-Dichloroethane	6.28	62	20225m	0.135	ppbv	
38) Trichloroethene	7.83	130	3867	0.039	ppbv #	51
44) 2,2,4-Trimethylpentane	7.86	57	52853m	0.139	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	32456m	0.136	ppbv	
52) Tetrachloroethene	11.23	164	7459m	0.088	ppbv	
53) Toluene	9.81	91	2329815	10.013	ppbv	100
58) Ethyl Benzene	12.72	91	99850m	0.325	ppbv	
59) m/p-Xylene	12.98	91	200872m	0.702	ppbv	
60) o-Xylene	13.70	91	76735	0.270	ppbv	94
61) Styrene	13.55	104	38987m	0.225	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	35621m	0.115	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	85087	0.240	ppbv #	62
79) Naphthalene	22.25	128	124984m	0.458	ppbv	
80) Naphthalene,2-methyl-	25.01	142	6902	0.111	ppbv #	91

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

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