

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035088.D
 Acq On : 22 May 2020 17:24
 Operator : SY/AP
 Sample : L2739-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Quant Time: May 24 00:35:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1053975	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2461892	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2349144	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2015679	10.60	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	32426	0.217	ppbv	96
3) Chlorodifluoromethane	2.93	51	30371m	0.252	ppbv	
4) Chloromethane	3.09	50	75384	1.093	ppbv	92
9) Propene	2.97	41	76272	1.461	ppbv	84
10) Heptane	8.12	43	150733	1.152	ppbv	97
11) Trichlorofluoromethane	3.91	101	41408	0.268	ppbv #	78
13) Ethanol	3.57	45	3727570	216.334	ppbv	99
15) Acetone	3.81	43	1224393m	8.787	ppbv	
19) Isopropyl Alcohol	3.94	45	6398943	68.862	ppbv #	99
20) Methylene Chloride	4.31	84	282358	6.121	ppbv	90
26) Hexane	5.67	57	529195	5.215	ppbv	97
27) Carbon Disulfide	4.52	76	159686	1.335	ppbv	96
29) Chloroform	5.74	83	71524	0.431	ppbv	87
30) Cyclohexane	7.13	84	84622	1.081	ppbv #	92
34) 2-Butanone	5.22	43	349498	2.284	ppbv	98
35) Carbon Tetrachloride	7.02	117	11220m	0.072	ppbv	
36) Benzene	6.88	78	149843	0.738	ppbv #	89
37) 1,2-Dichloroethane	6.29	62	70538m	0.563	ppbv	
38) Trichloroethene	7.84	130	2371m	0.030	ppbv	
39) 1,2-Dichloropropane	7.61	63	19973m	0.245	ppbv	
41) Tetrahydrofuran	6.04	42	40180	0.499	ppbv #	74
43) Methyl Methacrylate	8.02	69	15869m	0.185	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	920661	2.551	ppbv	94
50) 4-Methyl-2-Pentanone	8.75	43	124599m	0.571	ppbv	
52) Tetrachloroethene	11.24	164	22308m	0.309	ppbv	
53) Toluene	9.82	91	5412239	25.154	ppbv	98
58) Ethyl Benzene	12.73	91	1150336	3.960	ppbv	95
59) m/p-Xylene	12.99	91	1842738	7.210	ppbv #	59
60) o-Xylene	13.71	91	731684	2.901	ppbv	99
61) Styrene	13.55	104	682932	4.279	ppbv	98
62) Isopropylbenzene	14.69	105	39409	0.105	ppbv	95
64) n-propylbenzene	15.58	120	17483m	0.181	ppbv	
72) 4-Ethyltoluene	15.87	105	84393m	0.300	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	70186m	0.256	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	279911	0.936	ppbv #	73

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

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