

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035086.D
 Acq On : 22 May 2020 16:05
 Operator : SY/AP
 Sample : L2739-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Quant Time: May 24 00:33:32 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	1042290	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.17	114	2433202	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2331204	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2017660	10.69	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	35480	0.240	ppbv	95
3) Chlorodifluoromethane	2.94	51	33382m	0.281	ppbv	
4) Chloromethane	3.09	50	40229	0.590	ppbv	94
9) Propene	2.97	41	33718	0.653	ppbv	89
10) Heptane	8.12	43	75502	0.584	ppbv	97
11) Trichlorofluoromethane	3.91	101	40198	0.264	ppbv #	82
13) Ethanol	3.56	45	1543266	90.570	ppbv	100
15) Acetone	3.82	43	743631m	5.397	ppbv	
19) Isopropyl Alcohol	3.93	45	2570606	27.974	ppbv	100
20) Methylene Chloride	4.31	84	87856	1.926	ppbv	94
26) Hexane	5.67	57	212163	2.114	ppbv	88
27) Carbon Disulfide	4.52	76	51945	0.439	ppbv	95
29) Chloroform	5.73	83	122541	0.746	ppbv	87
30) Cyclohexane	7.13	84	23705m	0.306	ppbv	
34) 2-Butanone	5.22	43	137396	0.909	ppbv	98
35) Carbon Tetrachloride	7.00	117	10945m	0.071	ppbv	
36) Benzene	6.88	78	51255m	0.256	ppbv	
37) 1,2-Dichloroethane	6.29	62	29431m	0.238	ppbv	
38) Trichloroethene	7.83	130	18286m	0.235	ppbv	
39) 1,2-Dichloropropane	7.61	63	9569m	0.119	ppbv	
41) Tetrahydrofuran	6.05	42	18475m	0.232	ppbv	
43) Methyl Methacrylate	8.01	69	11221m	0.132	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	75406	0.211	ppbv #	68
50) 4-Methyl-2-Pentanone	8.75	43	115259	0.534	ppbv	96
52) Tetrachloroethene	11.24	164	156782	2.198	ppbv	89
53) Toluene	9.81	91	4667849	21.950	ppbv	98
58) Ethyl Benzene	12.73	91	761819	2.643	ppbv	100
59) m/p-Xylene	12.98	91	766797	3.023	ppbv #	58
60) o-Xylene	13.72	91	311692m	1.245	ppbv	
61) Styrene	13.55	104	375690	2.372	ppbv	98
62) Isopropylbenzene	14.69	105	47083m	0.126	ppbv	
64) n-propylbenzene	15.58	120	14896m	0.155	ppbv	
72) 4-Ethyltoluene	15.86	105	97503	0.349	ppbv #	88
73) 1,3,5-Trimethylbenzene	16.03	105	100806	0.371	ppbv #	79
74) 1,2,4-Trimethylbenzene	16.79	105	176648	0.596	ppbv #	77
79) Naphthalene	22.26	128	47836m	0.207	ppbv	

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

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