

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034997.D
 Acq On : 12 May 2020 21:38
 Operator : SY/AP
 Sample : L2567-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 5:12:22 PM

Quant Time: May 14 14:00:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 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	5.66	49	1035826	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2521935	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2374691	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1979459	10.30	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	41861	0.285	ppbv	99
3) Chlorodifluoromethane	2.94	51	26097m	0.221	ppbv	
4) Chloromethane	3.10	50	39243	0.579	ppbv	95
9) Propene	2.96	41	281772	5.491	ppbv	85
10) Heptane	8.12	43	417222	3.245	ppbv	99
11) Trichlorofluoromethane	3.91	101	42385	0.280	ppbv	91
13) Ethanol	3.60	45	845439	49.926	ppbv	100
15) Acetone	3.81	43	3597431m	26.270	ppbv	
19) Isopropyl Alcohol	3.96	45	5710936	62.535	ppbv #	98
20) Methylene Chloride	4.33	84	161285	3.558	ppbv #	89
26) Hexane	5.66	57	964332	9.670	ppbv #	68
30) Cyclohexane	7.12	84	178563	2.320	ppbv	95
34) 2-Butanone	5.23	43	377634	2.409	ppbv	99
35) Carbon Tetrachloride	7.02	117	8747m	0.055	ppbv	
36) Benzene	6.89	78	484058	2.328	ppbv	98
38) Trichloroethene	7.83	130	20282m	0.252	ppbv	
41) Tetrahydrofuran	6.03	42	690233	8.364	ppbv	99
43) Methyl Methacrylate	8.02	69	38398m	0.437	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	855521	2.314	ppbv #	84
50) 4-Methyl-2-Pentanone	8.76	43	106972	0.479	ppbv	99
52) Tetrachloroethene	11.25	164	118236m	1.599	ppbv	
53) Toluene	9.84	91	21259403	96.452	ppbv #	69
58) Ethyl Benzene	12.73	91	2869666	9.772	ppbv	99
59) m/p-Xylene	12.99	91	7159577	27.711	ppbv #	62
60) o-Xylene	13.72	91	2247288	8.815	ppbv	100
61) Styrene	13.55	104	5477430	33.949	ppbv	98
62) Isopropylbenzene	14.70	105	80590m	0.212	ppbv	
64) n-propylbenzene	15.58	120	47923m	0.491	ppbv	
65) tert-Butylbenzene	16.79	119	91725m	0.278	ppbv	
70) n-Butylbenzene	18.59	91	64191m	0.158	ppbv	
72) 4-Ethyltoluene	15.86	105	286453	1.007	ppbv	98
73) 1,3,5-Trimethylbenzene	16.02	105	232228	0.839	ppbv	100
74) 1,2,4-Trimethylbenzene	16.79	105	842068	2.787	ppbv #	73
79) Naphthalene	22.24	128	82323m	0.350	ppbv	
80) Naphthalene,2-methyl-	25.00	142	15735	0.272	ppbv #	77

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

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