

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL034994.D
 Acq On : 12 May 2020 19:42
 Operator : SY/AP
 Sample : L2567-04
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-1

Manual Integrations
 APPROVED

MMDadoda
 5/18/2020 2:08:25 PM

Quant Time: May 14 13:50:04 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	965171	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2544261	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2375589	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1949856	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	37294	0.272	ppbv #	84
4) Chloromethane	3.10	50	39408	0.624	ppbv #	78
9) Propene	2.97	41	2296884m	48.034	ppbv	
10) Heptane	8.13	43	4087058	34.117	ppbv	99
11) Trichlorofluoromethane	3.91	101	39670	0.281	ppbv	85
13) Ethanol	3.59	45	8141502	515.977	ppbv	94
15) Acetone	3.82	43	10101736m	79.167	ppbv	
19) Isopropyl Alcohol	3.97	45	1181021	13.879	ppbv #	1
20) Methylene Chloride	4.33	84	252105	5.968	ppbv	96
26) Hexane	5.68	57	6217707	66.914	ppbv #	44
30) Cyclohexane	7.14	84	2159619	30.118	ppbv	97
34) 2-Butanone	5.23	43	185936	1.176	ppbv	98
35) Carbon Tetrachloride	7.02	117	9524m	0.059	ppbv	
36) Benzene	6.89	78	4118576	19.634	ppbv	99
38) Trichloroethene	7.85	130	42686m	0.525	ppbv	
41) Tetrahydrofuran	6.04	42	132782	1.595	ppbv	99
44) 2,2,4-Trimethylpentane	7.88	57	6840419	18.342	ppbv #	78
50) 4-Methyl-2-Pentanone	8.76	43	390354	1.731	ppbv	98
52) Tetrachloroethene	11.25	164	74819m	1.003	ppbv	
53) Toluene	9.83	91	16767965	75.407	ppbv #	74
58) Ethyl Benzene	12.74	91	6133717	20.880	ppbv	94
59) m/p-Xylene	13.00	91	14587414	56.440	ppbv #	69
60) o-Xylene	13.73	91	6918926	27.128	ppbv	93
61) Styrene	13.55	104	246066	1.525	ppbv	98
62) Isopropylbenzene	14.70	105	612057	1.607	ppbv	98
64) n-propylbenzene	15.59	120	528400	5.410	ppbv	97
65) tert-Butylbenzene	16.80	119	864695	2.618	ppbv #	75
67) sec-Butylbenzene	17.33	105	275815	0.585	ppbv	97
70) n-Butylbenzene	18.59	91	866945	2.136	ppbv #	48
72) 4-Ethyltoluene	15.87	105	2385064	8.382	ppbv	98
73) 1,3,5-Trimethylbenzene	16.03	105	2293412	8.282	ppbv	99
74) 1,2,4-Trimethylbenzene	16.80	105	6978117	23.087	ppbv #	78
79) Naphthalene	22.25	128	1055827	4.486	ppbv	99
80) Naphthalene,2-methyl-	25.01	142	146897	2.539	ppbv	98

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

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