

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034807.D
 Acq On : 5 Mar 2020 22:26
 Operator : SY/AP
 Sample : L1698-06 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:24 AM

Quant Time: Mar 06 12:37:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030420AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Mar 0
 QLast Update : Wed Mar 04 06:36:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	457221	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.21	114	1186910	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.21	117	815602	10.00	ppbv	0.07

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1502662	22.10	ppbv	0.06
Spiked Amount	10.000	Range	65 - 135	Recovery	=	221.00%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.21	62	8828696	297.863	ppbv #	38
9) Propene	2.96	41	3106536	151.512	ppbv	100
10) Heptane	8.21	43	11151838m	214.014	ppbv	
11) Trichlorofluoromethane	3.92	101	72551m	1.087	ppbv	
13) Ethanol	3.57	45	74300	10.576	ppbv	99
15) Acetone	3.83	43	2926833m	53.456	ppbv	
17) tert-Butyl alcohol	4.29	59	2646959	61.311	ppbv	96
18) 1,1-Dichloroethene	4.27	96	47294	2.328	ppbv	98
19) Isopropyl Alcohol	3.95	45	1720917	52.458	ppbv #	1
20) Methylene Chloride	4.32	84	1215485	62.201	ppbv	97
22) trans-1,2-Dichloroethene	4.88	96	1361825	68.663	ppbv	96
24) 1,1-Dichloroethane	5.01	63	509709	8.945	ppbv	98
26) Hexane	5.71	57	9127552	220.826	ppbv #	42
27) Carbon Disulfide	4.54	76	3858132	79.900	ppbv	97
30) Cyclohexane	7.17	84	3422687	108.238	ppbv #	70
31) cis-1,2-Dichloroethene	5.56	61	12488285	294.573	ppbv #	55
34) 2-Butanone	5.25	43	2886234	37.378	ppbv	98
36) Benzene	6.93	78	14770067	145.629	ppbv #	47
38) Trichloroethene	7.88	130	971020	24.565	ppbv	94
39) 1,2-Dichloropropane	7.65	63	190553	4.656	ppbv #	1
41) Tetrahydrofuran	6.06	42	147319	3.739	ppbv	99
44) 2,2,4-Trimethylpentane	7.95	57	16676168	94.089	ppbv #	86
52) Tetrachloroethene	11.37	164	323951	8.645	ppbv	96
53) Toluene	9.95	91	14528385	135.346	ppbv	93
58) Ethyl Benzene	12.89	91	26428851	262.946	ppbv #	50
59) m/p-Xylene	13.22	91	41621041	478.370	ppbv #	50
60) o-Xylene	13.89	91	22341261	253.789	ppbv #	62
61) Styrene	13.68	104	43719	0.801	ppbv #	26
62) Isopropylbenzene	14.79	105	1216032	9.386	ppbv	99
64) n-propylbenzene	15.66	120	394745	12.151	ppbv	93
65) tert-Butylbenzene	16.86	119	281540	2.571	ppbv #	87
67) sec-Butylbenzene	17.38	105	252385	1.582	ppbv	99
71) 2-Chlorotoluene	15.56	91	769970	7.868	ppbv	92
72) 4-Ethyltoluene	15.94	105	2033389	20.746	ppbv	96
73) 1,3,5-Trimethylbenzene	16.10	105	1785622	18.993	ppbv	92
74) 1,2,4-Trimethylbenzene	16.86	105	2165262	21.186	ppbv #	69

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

