

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034808.D
 Acq On : 5 Mar 2020 23:04
 Operator : SY/AP
 Sample : L1698-06DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-3-4DL

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:29 AM

Quant Time: Mar 06 12:40:11 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	5.67	49	446008	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.19	114	1154970	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.14	117	977039	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	977705	12.00	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	120.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.22	62	4743651	164.065	ppbv #	78
9) Propene	2.97	41	841231	42.060	ppbv	95
10) Heptane	8.18	43	3435580m	67.589	ppbv	
11) Trichlorofluoromethane	3.93	101	16812m	0.258	ppbv	
13) Ethanol	3.57	45	18060	2.635	ppbv	96
15) Acetone	3.83	43	1020396m	19.105	ppbv	
17) tert-Butyl alcohol	4.27	59	642297	15.251	ppbv	97
19) Isopropyl Alcohol	3.94	45	390219	12.194	ppbv #	1
20) Methylene Chloride	4.32	84	290293	15.229	ppbv	94
22) trans-1,2-Dichloroethene	4.87	96	324471	16.771	ppbv	99
24) 1,1-Dichloroethane	5.00	63	104165m	1.874	ppbv	
26) Hexane	5.69	57	3411723	84.616	ppbv #	42
27) Carbon Disulfide	4.53	76	981826	20.844	ppbv	96
30) Cyclohexane	7.15	84	890403	28.866	ppbv	90
31) cis-1,2-Dichloroethene	5.55	61	6119713	147.980	ppbv #	80
34) 2-Butanone	5.24	43	646149	8.599	ppbv	98
36) Benzene	6.91	78	7608708	77.095	ppbv #	86
38) Trichloroethene	7.86	130	307175	7.986	ppbv	93
39) 1,2-Dichloropropane	7.63	63	56206m	1.411	ppbv	
41) Tetrahydrofuran	6.06	42	34283m	0.894	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	5120015	29.687	ppbv #	78
52) Tetrachloroethene	11.28	164	84986m	2.331	ppbv	
53) Toluene	9.87	91	3908532	37.419	ppbv	98
58) Ethyl Benzene	12.79	91	9351299	77.665	ppbv #	78
59) m/p-Xylene	13.07	91	18676406	179.189	ppbv #	73
60) o-Xylene	13.77	91	8649466	82.020	ppbv	86
61) Styrene	13.59	104	14157m	0.216	ppbv	
62) Isopropylbenzene	14.72	105	193422	1.246	ppbv	99
64) n-propylbenzene	15.62	120	54670m	1.405	ppbv	
67) sec-Butylbenzene	17.34	105	30283m	0.158	ppbv	
71) 2-Chlorotoluene	15.51	91	99238	0.847	ppbv	87
72) 4-Ethyltoluene	15.89	105	279633	2.382	ppbv	95
73) 1,3,5-Trimethylbenzene	16.05	105	239476	2.126	ppbv	94
74) 1,2,4-Trimethylbenzene	16.82	105	271112	2.214	ppbv #	67

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

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