

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030520\
 Data File : VL034803.D
 Acq On : 5 Mar 2020 19:48
 Operator : SY/AP
 Sample : L1698-04 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-4-4

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:19:06 AM

Quant Time: Mar 06 12:18:47 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	5.69	49	826316	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	989226m	10.00	ppbv	0.08
55) Chlorobenzene-d5	12.27	117	989987	10.00	ppbv	0.12

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	2065056	25.02	ppbv	0.08
Spiked Amount	10.000	Range	65 - 135	Recovery	=	250.20%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.21	62	7382384	137.815	ppbv #	50
9) Propene	2.96	41	3590364	96.893	ppbv	91
10) Heptane	8.06	43	10762809	114.288	ppbv #	1
11) Trichlorofluoromethane	3.93	101	108858m	0.902	ppbv	
13) Ethanol	3.56	45	326105	25.685	ppbv	98
15) Acetone	3.81	43	3264434m	32.990	ppbv	
19) Isopropyl Alcohol	3.93	45	1378726	23.255	ppbv #	93
26) Hexane	5.87	57	53144600m	711.436	ppbv	
30) Cyclohexane	7.29	84	30813439m	539.179	ppbv	
31) cis-1,2-Dichloroethene	5.57	61	671606	8.766	ppbv	98
36) Benzene	7.02	78	35126154	415.546	ppbv #	19
52) Tetrachloroethene	11.44	164	39042m	1.250	ppbv	
53) Toluene	10.03	91	22318065	249.463	ppbv #	83
58) Ethyl Benzene	12.93	91	2701708m	22.145	ppbv	
59) m/p-Xylene	13.18	91	2169990	20.547	ppbv	99
60) o-Xylene	13.87	91	969195	9.070	ppbv	93
62) Isopropylbenzene	14.80	105	121029m	0.770	ppbv	
64) n-propylbenzene	15.67	120	20823m	0.528	ppbv	
65) tert-Butylbenzene	16.85	119	32499m	0.245	ppbv	
67) sec-Butylbenzene	17.37	105	36159m	0.187	ppbv	
72) 4-Ethyltoluene	15.95	105	117394m	0.987	ppbv	
73) 1,3,5-Trimethylbenzene	16.10	105	176297	1.545	ppbv	94
74) 1,2,4-Trimethylbenzene	16.85	105	212077	1.710	ppbv #	67

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

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