

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036603.D
 Acq On : 31 Mar 2021 15:48
 Operator : SY/AP
 Sample : M1840-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 SSB-SS-2

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:52:35 PM

Quant Time: Apr 01 22:53:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1456680	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3438606	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3135554	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2534576	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	3.04	85	45668m	0.192	ppbv	
5) Vinyl Chloride	3.25	62	22738	0.230	ppbv #	65
9) Propene	3.02	41	160735	1.853	ppbv #	81
10) Heptane	8.13	43	85274	0.386	ppbv	95
11) Trichlorofluoromethane	3.95	101	39206	0.162	ppbv	92
13) Ethanol	3.60	45	799830	77.412	ppbv	94
15) Acetone	3.84	43	13635743	95.108	ppbv #	84
17) tert-Butyl alcohol	4.29	59	661953	5.304	ppbv	97
19) Isopropyl Alcohol	3.97	45	1200814	15.226	ppbv #	89
20) Methylene Chloride	4.35	84	567219	8.450	ppbv	92
26) Hexane	5.69	57	874676	5.530	ppbv #	46
27) Carbon Disulfide	4.55	76	53469m	0.343	ppbv	
29) Chloroform	5.75	83	81477m	0.322	ppbv	
30) Cyclohexane	7.13	84	39146m	0.305	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	412992	1.620	ppbv	95
34) 2-Butanone	5.24	43	1989691	11.854	ppbv	96
35) Carbon Tetrachloride	7.02	117	9815m	0.037	ppbv	
36) Benzene	6.89	78	158864	0.501	ppbv	92
37) 1,2-Dichloroethane	6.31	62	2392385	12.817	ppbv	100
38) Trichloroethene	7.83	130	17451m	0.141	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	183373	0.329	ppbv #	79
52) Tetrachloroethene	11.23	164	22775m	0.195	ppbv	
53) Toluene	9.81	91	834464	2.471	ppbv	99
58) Ethyl Benzene	12.72	91	618131	1.355	ppbv	96
59) m/p-Xylene	12.97	91	2360224	5.932	ppbv	97
60) o-Xylene	13.70	91	1215498	3.159	ppbv	99
61) Styrene	13.54	104	42296m	0.219	ppbv	
62) Isopropylbenzene	14.67	105	114226	0.220	ppbv	95
64) n-propylbenzene	15.57	120	87700m	0.692	ppbv	
67) sec-Butylbenzene	17.29	105	85610m	0.135	ppbv	
69) p-Isopropyltoluene	17.66	119	59684	0.121	ppbv #	93
70) n-Butylbenzene	18.56	91	156647	0.305	ppbv #	39
72) 4-Ethyltoluene	15.84	105	550070	1.305	ppbv	98
73) 1,3,5-Trimethylbenzene	16.00	105	729660	1.854	ppbv	94
74) 1,2,4-Trimethylbenzene	16.77	105	2226636	5.288	ppbv #	69
79) Naphthalene	22.22	128	45849m	0.187	ppbv	

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

