

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036601.D
 Acq On : 31 Mar 2021 14:26
 Operator : SY/AP
 Sample : M1840-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSB-SS-1

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:52:26 PM

Quant Time: Apr 01 22:49:11 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	1509752	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3523713	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3071711	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2551771	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	40651	0.165	ppbv	92
4) Chloromethane	3.14	50	14372	0.144	ppbv	99
9) Propene	3.02	41	66688m	0.742	ppbv	
10) Heptane	8.12	43	63438m	0.277	ppbv	
11) Trichlorofluoromethane	3.94	101	58610	0.234	ppbv #	74
13) Ethanol	3.61	45	1054646	98.486	ppbv	94
15) Acetone	3.84	43	11433102	76.941	ppbv	91
17) tert-Butyl alcohol	4.30	59	814860	6.299	ppbv	99
19) Isopropyl Alcohol	3.98	45	4450181	54.442	ppbv	99
20) Methylene Chloride	4.35	84	2041497	29.343	ppbv	96
26) Hexane	5.69	57	2768258	16.886	ppbv #	47
30) Cyclohexane	7.17	84	19801m	0.149	ppbv	
32) 1,1,1-Trichloroethane	6.52	97	75077m	0.284	ppbv	
34) 2-Butanone	5.24	43	1621950	9.430	ppbv	95
35) Carbon Tetrachloride	7.02	117	15570	0.058	ppbv #	93
36) Benzene	6.89	78	559051	1.720	ppbv	96
44) 2,2,4-Trimethylpentane	7.87	57	71414m	0.125	ppbv	
50) 4-Methyl-2-Pentanone	8.75	43	46195m	0.186	ppbv	
51) 2-Hexanone	10.14	43	133652	1.064	ppbv #	88
52) Tetrachloroethene	11.22	164	75113m	0.628	ppbv	
53) Toluene	9.81	91	832206	2.405	ppbv	99
58) Ethyl Benzene	12.72	91	152506	0.341	ppbv	98
59) m/p-Xylene	12.97	91	599424	1.538	ppbv	97
60) o-Xylene	13.70	91	207400m	0.550	ppbv	
72) 4-Ethyltoluene	15.85	105	71800	0.174	ppbv #	92
73) 1,3,5-Trimethylbenzene	16.00	105	83675m	0.217	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	282955	0.686	ppbv #	68
79) Naphthalene	22.21	128	43359m	0.180	ppbv	

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

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