

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020120\
 Data File : VV014455.D
 Acq On : 31 Jan 2020 15:46
 Operator : SY/MD
 Sample : VSTD20063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20063

Quant Time: Feb 01 01:42:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 01 01:38:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	407352	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	386111	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	189079	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	461937	196.74	ug/L	0.00
7) Chloroethane-d5	1.58	69	272731	121.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	602952	125.68	ug/L	0.00
21) 2-Butanone-d5	3.92	46	687016	424.49	ug/L	0.00
24) Chloroform-d	4.40	84	1010933	204.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	600724	194.37	ug/L	0.00
32) Benzene-d6	5.10	84	2089601	207.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	667173	218.33	ug/L	0.00
41) Toluene-d8	7.36	98	1935494	211.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	350826	234.75	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	568033	494.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.25	84	849439	198.62	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	708140	190.40	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	688932	190.589	ug/L 99
3) Chloromethane	1.26	50	676088	198.371	ug/L 100
5) Vinyl chloride	1.32	62	570671	169.216	ug/L 99
6) Bromomethane	1.52	94	198113	105.316	ug/L 97
8) Chloroethane	1.60	64	235672	111.547	ug/L 100
9) Trichlorofluoromethane	1.77	101	651649	130.093	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	306261	109.721	ug/L 99
12) 1,1-Dichloroethene	2.14	96	289907	107.219	ug/L 97
13) Acetone	2.19	43	494608	224.506	ug/L 96
14) Carbon disulfide	2.32	76	1554024	197.283	ug/L 100
15) Methyl Acetate	2.45	43	533662	181.921	ug/L 100
16) Methylene chloride	2.54	84	577856	187.457	ug/L 99
17) trans-1,2-Dichloroethene	2.79	96	544902	188.658	ug/L 99
18) Methyl tert-butyl Ether	2.80	73	1691048	200.877	ug/L 100
19) 1,1-Dichloroethane	3.23	63	996512	190.497	ug/L 100
20) cis-1,2-Dichloroethene	3.96	96	618359	198.013	ug/L 99
22) 2-Butanone	4.00	43	821384	363.487	ug/L 98
23) Bromochloromethane	4.30	128	295036	174.713	ug/L 97
25) Chloroform	4.42	83	988880	179.060	ug/L 100
27) 1,2-Dichloroethane	5.18	62	728665	183.891	ug/L 99
29) Cyclohexane	4.73	56	968567	212.279	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	857632	186.480	ug/L 99
31) Carbon tetrachloride	4.87	117	754683	185.074	ug/L 98
33) Benzene	5.15	78	2279840	197.994	ug/L 100
34) Trichloroethene	5.96	95	583758	190.885	ug/L 98
35) Methylcyclohexane	6.18	83	995493	213.176	ug/L 100
37) 1,2-Dichloropropane	6.22	63	590346	210.371	ug/L 99
38) Bromodichloromethane	6.55	83	779280	196.960	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	1003979	223.442	ug/L 99
40) 4-Methyl-2-pentanone	7.27	43	1438153	397.231	ug/L 96

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42) Toluene	7.43	91	2384573	200.129	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	875731	217.239	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	545132	197.120	ug/L	98
46) Tetrachloroethene	8.02	164	429492	161.542	ug/L	99
48) 2-Hexanone	8.18	43	1146671	392.454	ug/L	98
49) Dibromochloromethane	8.29	129	623169	187.340	ug/L	98
50) 1,2-Dibromoethane	8.39	107	586331	193.840	ug/L	99
51) Chlorobenzene	8.92	112	1528657	187.751	ug/L	100
52) Ethylbenzene	9.05	91	2672845	202.817	ug/L	99
53) m,p-Xylene	9.18	106	1025683	202.896	ug/L	99
54) o-xylene	9.58	106	970706	198.363	ug/L	98
55) Styrene	9.60	104	1685311	201.184	ug/L	99
56) Isopropylbenzene	9.97	105	2542129	197.103	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	867186	195.489	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	671098	182.650	ug/L	100
61) Bromoform	9.77	173	425003	186.387	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	1167263	188.233	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	1188154	185.480	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	1138681	183.735	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.47	75	189761	214.459	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	816704	166.384	ug/L	100
68) 1,2,4-trichlorobenzene	13.30	180	762189	170.494	ug/L	99
69) Naphthalene	13.54	128	2484029	205.646	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	721779	157.696	ug/L	99

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

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