

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017850.D
 Acq On : 08 Aug 2020 12:40
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Aug 10 02:00:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 01:57:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	257926	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	248104	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144106	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	140461	110.27	ug/L	0.00
7) Chloroethane-d5	1.58	69	116453	107.33	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	335300	110.18	ug/L	0.00
21) 2-Butanone-d5	3.91	46	178494	195.04	ug/L	0.00
24) Chloroform-d	4.37	84	362941	106.07	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	268329	106.99	ug/L	0.00
32) Benzene-d6	5.07	84	600811	103.44	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	154843	98.72	ug/L	0.00
41) Toluene-d8	7.34	98	611256	106.93	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	111510	106.19	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	123461	186.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	235529	97.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	301573	106.35	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	212433	85.526	ug/L 99
3) Chloromethane	1.25	50	124557	75.768	ug/L 99
5) Vinyl chloride	1.32	62	150897	85.535	ug/L 99
6) Bromomethane	1.53	94	101019	93.954	ug/L 96
8) Chloroethane	1.60	64	94153	87.075	ug/L 99
9) Trichlorofluoromethane	1.76	101	377111	104.820	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	162407	97.738	ug/L 98
12) 1,1-Dichloroethene	2.13	96	150568	97.960	ug/L 97
13) Acetone	2.20	43	206815	179.528	ug/L 100
14) Carbon disulfide	2.31	76	386513	84.925	ug/L 100
15) Methyl Acetate	2.45	43	121891	81.647	ug/L 99
16) Methylene chloride	2.52	84	155321	86.831	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	154846	90.699	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	537768	95.250	ug/L 99
19) 1,1-Dichloroethane	3.21	63	258715	87.333	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	169507	92.325	ug/L 99
22) 2-Butanone	4.00	43	192848	182.644	ug/L 98
23) Bromochloromethane	4.27	128	101120	96.495	ug/L 98
25) Chloroform	4.40	83	330057	94.511	ug/L 100
27) 1,2-Dichloroethane	5.15	62	295504	96.015	ug/L 99
29) Cyclohexane	4.70	56	200786	83.795	ug/L 99
30) 1,1,1-Trichloroethane	4.63	97	348000	97.735	ug/L 99
31) Carbon tetrachloride	4.85	117	316608	98.143	ug/L 99
33) Benzene	5.12	78	586767	89.707	ug/L 100
34) Trichloroethene	5.94	95	180595	95.689	ug/L 99
35) Methylcyclohexane	6.15	83	259326	94.309	ug/L 99
37) 1,2-Dichloropropane	6.20	63	128343	86.470	ug/L 98
38) Bromodichloromethane	6.53	83	239227	89.839	ug/L 97
39) cis-1,3-Dichloropropene	7.05	75	244346	89.800	ug/L 97
40) 4-Methyl-2-pentanone	7.25	43	346728	171.893	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	692164	94.755	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	269248	96.316	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	159678	92.789	ug/L	98
46) Tetrachloroethene	8.00	164	168515	99.292	ug/L	97
48) 2-Hexanone	8.16	43	282505	174.040	ug/L	99
49) Dibromochloromethane	8.27	129	198824	90.534	ug/L	98
50) 1,2-Dibromoethane	8.37	107	179739	95.395	ug/L	99
51) Chlorobenzene	8.90	112	485170	95.936	ug/L	99
52) Ethylbenzene	9.03	91	817258	97.022	ug/L	98
53) m,p-Xylene	9.16	106	315570	97.762	ug/L	100
54) o-xylene	9.56	106	313358	100.360	ug/L	99
55) Styrene	9.58	104	542768	100.108	ug/L	99
56) Isopropylbenzene	9.95	105	867397	101.169	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	225585	91.007	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	200418	91.502	ug/L	99
61) Bromoform	9.75	173	140805	84.526	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	446199	97.513	ug/L	98
63) 1,4-Dichlorobenzene	11.29	146	447174	96.490	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	444821	97.469	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	66285	94.738	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	376333	104.951	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	338843	108.602	ug/L	99
69) Naphthalene	13.52	128	876373	107.272	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	331084	106.494	ug/L	99

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

