

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070820\
 Data File : VV017390.D
 Acq On : 08 Jul 2020 11:34
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD20062

Quant Time: Jul 09 01:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 01:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	313460	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	304376	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176877	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	330190	159.21	ug/L	0.00
7) Chloroethane-d5	1.58	69	221923	174.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	764217	206.21	ug/L	0.00
21) 2-Butanone-d5	3.90	46	484223	319.90	ug/L	0.00
24) Chloroform-d	4.38	84	774597	178.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	545176	184.08	ug/L	0.00
32) Benzene-d6	5.08	84	1360730	164.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	388499	152.80	ug/L	0.00
41) Toluene-d8	7.34	98	1335188	173.79	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	249888	183.36	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	373209	340.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	543842	160.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	581343	161.53	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	653460	247.346	ug/L	100
3) Chloromethane	1.25	50	449994	198.159	ug/L	100
5) Vinyl chloride	1.32	62	474086	212.392	ug/L	97
6) Bromomethane	1.53	94	248591	253.499	ug/L	95
8) Chloroethane	1.59	64	237599	214.808	ug/L	99
9) Trichlorofluoromethane	1.76	101	883501	249.354	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	409966	235.708	ug/L	99
12) 1,1-Dichloroethene	2.13	96	374362	233.462	ug/L	99
13) Acetone	2.18	43	588776	506.145	ug/L	98
14) Carbon disulfide	2.31	76	1157794	206.090	ug/L	99
15) Methyl Acetate	2.44	43	404979	174.779	ug/L	99
16) Methylene chloride	2.52	84	416962	186.022	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	407816	194.097	ug/L	99
18) Methyl tert-butyl Ether	2.78	73	1398338	201.552	ug/L	100
19) 1,1-Dichloroethane	3.21	63	735656	187.967	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	445854	195.784	ug/L	99
22) 2-Butanone	3.98	43	649581	398.712	ug/L	93
23) Bromochloromethane	4.27	128	245584	202.505	ug/L	98
25) Chloroform	4.40	83	838114	204.497	ug/L	100
27) 1,2-Dichloroethane	5.15	62	740439	213.300	ug/L	100
29) Cyclohexane	4.70	56	654504	179.516	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	838744	213.584	ug/L	100
31) Carbon tetrachloride	4.86	117	771328	224.810	ug/L	100
33) Benzene	5.13	78	1623489	184.949	ug/L	100
34) Trichloroethene	5.94	95	457465	191.199	ug/L	97
35) Methylcyclohexane	6.15	83	728704	195.140	ug/L	99
37) 1,2-Dichloropropane	6.20	63	393880	174.698	ug/L	99
38) Bromodichloromethane	6.53	83	647278	208.368	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	736249	206.146	ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	1127444	356.513	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	1825582	195.184	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	759973	217.064	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	416465	188.048	ug/L	96
46) Tetrachloroethene	8.00	164	403459	211.611	ug/L	95
48) 2-Hexanone	8.16	43	938127	377.333	ug/L	100
49) Dibromochloromethane	8.27	129	553319	226.505	ug/L	99
50) 1,2-Dibromoethane	8.37	107	464825	198.882	ug/L	98
51) Chlorobenzene	8.90	112	1210758	197.151	ug/L	100
52) Ethylbenzene	9.03	91	2129938	205.050	ug/L	99
53) m,p-Xylene	9.16	106	811686	209.307	ug/L	99
54) o-xylene	9.57	106	776415	203.170	ug/L	100
55) Styrene	9.58	104	1372956	211.930	ug/L	97
56) Isopropylbenzene	9.95	105	2184900	211.990	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	630230	186.897	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	541927	190.344	ug/L	98
61) Bromoform	9.75	173	431598	232.133	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	1069579	192.595	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1079795	191.787	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1050021	189.653	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	187021	212.340	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	841409	201.718	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	781232	206.145	ug/L	99
69) Naphthalene	13.52	128	2309324	212.958	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	780732	208.415	ug/L	99

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

