

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017563.D
 Acq On : 21 Jul 2020 14:16
 Operator : SY/MD
 Sample : VSTD05062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05062

Quant Time: Jul 22 02:37:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 02:35:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	344771	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	329497	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	176285	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104901	53.84	ug/L	0.00
7) Chloroethane-d5	1.58	69	68134	44.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	211200	45.64	ug/L	0.00
21) 2-Butanone-d5	3.91	46	163964	112.81	ug/L	0.00
24) Chloroform-d	4.38	84	242060	53.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	164284	53.60	ug/L	0.00
32) Benzene-d6	5.07	84	438450	57.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	133022	58.69	ug/L	0.00
41) Toluene-d8	7.34	98	421789	58.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	76881	56.33	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	127269	120.89	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	189312	58.65	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	185787	55.90	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	177474	53.826	ug/L	100
3) Chloromethane	1.25	50	134217	50.975	ug/L	100
5) Vinyl chloride	1.32	62	130211	47.554	ug/L	100
6) Bromomethane	1.53	94	78375	44.621	ug/L	100
8) Chloroethane	1.60	64	62861	41.293	ug/L	100
9) Trichlorofluoromethane	1.76	101	216014	45.867	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	105194	42.185	ug/L	100
12) 1,1-Dichloroethene	2.13	96	98887	43.842	ug/L	100
13) Acetone	2.19	43	143177	84.961	ug/L	100
14) Carbon disulfide	2.31	76	347926	53.517	ug/L	100
15) Methyl Acetate	2.44	43	125877	49.968	ug/L	100
16) Methylene chloride	2.52	84	127345	48.208	ug/L	100
17) trans-1,2-Dichloroethene	2.78	96	120056	52.175	ug/L	100
18) Methyl tert-butyl Ether	2.78	73	406676	50.239	ug/L	100
19) 1,1-Dichloroethane	3.21	63	220847	51.891	ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	131298	52.551	ug/L	100
22) 2-Butanone	3.99	43	187228	115.700	ug/L	100
23) Bromochloromethane	4.28	128	70609	50.947	ug/L	100
25) Chloroform	4.40	83	238309	50.673	ug/L	100
27) 1,2-Dichloroethane	5.15	62	199613	49.654	ug/L	100
29) Cyclohexane	4.70	56	202840	60.762	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	229461	51.564	ug/L	100
31) Carbon tetrachloride	4.86	117	205281	50.419	ug/L	100
33) Benzene	5.13	78	486272	55.264	ug/L	100
34) Trichloroethene	5.94	95	131640	54.416	ug/L	100
35) Methylcyclohexane	6.15	83	211844	58.530	ug/L	100
37) 1,2-Dichloropropane	6.20	63	121560	54.292	ug/L	100
38) Bromodichloromethane	6.53	83	184699	52.199	ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	210684	56.329	ug/L	100
40) 4-Methyl-2-pentanone	7.24	43	349569	112.711	ug/L	100

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42) Toluene	7.41	91	537361	55.374	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	209694	53.676	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	124241	51.813	ug/L	100
46) Tetrachloroethene	8.00	164	114547	54.488	ug/L	100
48) 2-Hexanone	8.16	43	284466	115.000	ug/L	100
49) Dibromochloromethane	8.27	129	152987	51.294	ug/L	100
50) 1,2-Dibromoethane	8.37	107	136452	52.307	ug/L	100
51) Chlorobenzene	8.90	112	352101	52.084	ug/L	100
52) Ethylbenzene	9.03	91	602038	53.072	ug/L	100
53) m,p-Xylene	9.16	106	232271	54.848	ug/L	100
54) o-xylene	9.56	106	226754	55.108	ug/L	100
55) Styrene	9.58	104	388159	55.348	ug/L	100
56) Isopropylbenzene	9.95	105	620562	55.918	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	200165	55.645	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	160781	52.526	ug/L	100
61) Bromoform	9.75	173	116532	51.529	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	297665	52.828	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	300470	51.276	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	305582	52.403	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	51899	49.045	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	234981	52.343	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	208955	52.018	ug/L	100
69) Naphthalene	13.52	128	614964	54.250	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	212224	53.068	ug/L	100

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

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