

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102220\
 Data File : VV019066.D
 Acq On : 22 Oct 2020 12:44
 Operator : SY/MD
 Sample : VSTD05063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05063

Quant Time: Oct 22 13:17:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 22 13:09:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	307047	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	299667	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	157632	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	139554	53.52	ug/L	0.00
7) Chloroethane-d5	1.58	69	110775	53.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	261677	53.31	ug/L	0.00
21) 2-Butanone-d5	3.91	46	192331	107.41	ug/L	0.00
24) Chloroform-d	4.38	84	244430	52.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	165351	53.49	ug/L	0.00
32) Benzene-d6	5.07	84	468136	52.58	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	150145	52.73	ug/L	0.00
41) Toluene-d8	7.34	98	425539	53.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	78172	55.70	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	139359	127.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198589	58.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	165585	50.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	123562	46.482	ug/L 100
3) Chloromethane	1.25	50	150954	49.904	ug/L 100
5) Vinyl chloride	1.32	62	146964	50.076	ug/L 100
6) Bromomethane	1.53	94	85225	48.195	ug/L 100
8) Chloroethane	1.60	64	92515	52.160	ug/L 100
9) Trichlorofluoromethane	1.77	101	194623	49.951	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	103882	51.153	ug/L 100
12) 1,1-Dichloroethene	2.13	96	103213	50.439	ug/L 100
13) Acetone	2.20	43	126725	97.964	ug/L 100
14) Carbon disulfide	2.31	76	337994	48.764	ug/L 100
15) Methyl Acetate	2.45	43	139756	52.323	ug/L 100
16) Methylene chloride	2.52	84	120019	49.194	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	109842	48.981	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	360267	50.553	ug/L 100
19) 1,1-Dichloroethane	3.21	63	220833	50.231	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	116431	49.052	ug/L 100
22) 2-Butanone	4.00	43	184266	105.225	ug/L 100
23) Bromochloromethane	4.28	128	60068	48.872	ug/L 100
25) Chloroform	4.40	83	216794	49.324	ug/L 100
27) 1,2-Dichloroethane	5.15	62	182846	50.645	ug/L 100
29) Cyclohexane	4.71	56	193981	53.370	ug/L 100
30) 1,1,1-Trichloroethane	4.64	97	191354	50.884	ug/L 100
31) Carbon tetrachloride	4.86	117	164410	51.218	ug/L 100
33) Benzene	5.13	78	475095	51.314	ug/L 100
34) Trichloroethene	5.94	95	117207	44.819	ug/L 100
35) Methylcyclohexane	6.16	83	169113	51.612	ug/L 100
37) 1,2-Dichloropropane	6.20	63	127417	51.506	ug/L 100
38) Bromodichloromethane	6.53	83	161621	50.860	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	193667	51.801	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	367161	107.549	ug/L 100

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42) Toluene	7.41	91	491719	51.679	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	194485	53.801	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	112005	48.905	ug/L	100
46) Tetrachloroethene	8.00	164	91897	49.018	ug/L	100
48) 2-Hexanone	8.16	43	285338	105.785	ug/L	100
49) Dibromochloromethane	8.27	129	125587	51.446	ug/L	100
50) 1,2-Dibromoethane	8.37	107	117878	49.441	ug/L	100
51) Chlorobenzene	8.90	112	308791	49.792	ug/L	100
52) Ethylbenzene	9.03	91	535317	51.934	ug/L	100
53) m,p-Xylene	9.16	106	198668	51.675	ug/L	100
54) o-xylene	9.56	106	191535	52.153	ug/L	100
55) Styrene	9.58	104	345162	53.342	ug/L	100
56) Isopropylbenzene	9.95	105	505940	52.404	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	186337	57.833	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	151431	50.644	ug/L	100
61) Bromoform	9.75	173	91510	52.532	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	244421	49.793	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	251346	48.824	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	242203	49.090	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	43685	57.310	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	163785	49.798	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	156716	51.537	ug/L	100
69) Naphthalene	13.52	128	517125	58.740	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	160842	52.915	ug/L	100

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

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