

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019206.D
 Acq On : 02 Nov 2020 11:39
 Operator : JC/MD
 Sample : VSTD05034
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050404

Quant Time: Nov 02 12:57:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 12:49:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	458909	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	427483	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	209159	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	193209	60.49	ug/L	0.00
7) Chloroethane-d5	1.70	69	148324	61.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.35	63	326170	52.51	ug/L	0.00
21) 2-Butanone-d5	4.53	46	207195	103.24	ug/L	0.00
24) Chloroform-d	5.14	84	317434	54.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	210547	48.59	ug/L	0.00
32) Benzene-d6	6.05	84	650106	57.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	191451	54.79	ug/L	0.00
41) Toluene-d8	8.70	98	627957	56.56	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	102651	52.05	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	168187	115.84	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	236374	51.37	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	206429	51.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	149639	39.786	ug/L 100
3) Chloromethane	1.31	50	153134	50.464	ug/L 100
5) Vinyl chloride	1.40	62	171306	50.879	ug/L 100
6) Bromomethane	1.64	94	113906	60.207	ug/L 100
8) Chloroethane	1.72	64	110892	55.090	ug/L 100
9) Trichlorofluoromethane	1.92	101	257306	46.328	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	147188	48.321	ug/L 100
12) 1,1-Dichloroethene	2.36	96	141957	49.452	ug/L 100
13) Acetone	2.42	43	132376	90.776	ug/L 100
14) Carbon disulfide	2.56	76	427780	49.182	ug/L 100
15) Methyl Acetate	2.75	43	140891	45.769	ug/L 100
16) Methylene chloride	2.84	84	158390	50.028	ug/L 100
17) trans-1,2-Dichloroethene	3.14	96	154056	50.568	ug/L 100
18) Methyl tert-butyl Ether	3.17	73	488596	50.236	ug/L 100
19) 1,1-Dichloroethane	3.67	63	273730	48.870	ug/L 100
20) cis-1,2-Dichloroethene	4.56	96	168804	50.550	ug/L 100
22) 2-Butanone	4.64	43	207125	93.733	ug/L 100
23) Bromochloromethane	4.98	128	84382	47.064	ug/L 100
25) Chloroform	5.17	83	288703	46.679	ug/L 100
27) 1,2-Dichloroethane	6.16	62	230303	46.618	ug/L 100
29) Cyclohexane	5.55	56	255103	53.769	ug/L 100
30) 1,1,1-Trichloroethane	5.46	97	264893	46.949	ug/L 100
31) Carbon tetrachloride	5.75	117	227216	45.130	ug/L 100
33) Benzene	6.11	78	632057	52.450	ug/L 100
34) Trichloroethene	7.18	95	170980	50.948	ug/L 100
35) Methylcyclohexane	7.44	83	272329	55.134	ug/L 100
37) 1,2-Dichloropropane	7.49	63	157315	49.866	ug/L 100
38) Bromodichloromethane	7.87	83	217678	48.531	ug/L 100
39) cis-1,3-Dichloropropene	8.42	75	262503	51.494	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	397986	96.984	ug/L 100

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42) Toluene	8.76	91	699808	53.948	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	258772	50.110	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	156144	51.186	ug/L	100
46) Tetrachloroethene	9.32	164	128489	47.471	ug/L	100
48) 2-Hexanone	9.47	43	313944	96.829	ug/L	100
49) Dibromochloromethane	9.56	129	174346	46.321	ug/L	100
50) 1,2-Dibromoethane	9.65	107	164702	49.339	ug/L	100
51) Chlorobenzene	10.12	112	439123	50.968	ug/L	100
52) Ethylbenzene	10.23	91	767719	53.229	ug/L	100
53) m,p-Xylene	10.34	106	293794	53.693	ug/L	100
54) o-Xylene	10.68	106	283619	53.853	ug/L	100
55) Styrene	10.70	104	486289	53.584	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	222022	48.159	ug/L	100
59) Bromoform	10.84	173	121196	45.236	ug/L	100
60) Isopropylbenzene	11.00	105	763165	55.882	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	190682	50.244	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	631827	56.055	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	600934	53.221	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	322462	49.058	ug/L	100
65) 1,4-Dichlorobenzene	12.08	146	326208	49.164	ug/L	100
67) 1,2-Dichlorobenzene	12.37	146	312783	49.411	ug/L	100
68) 1,2-Dibromo-3-chloropropan	12.98	75	50643	46.546	ug/L	100
69) 1,3,5-Trichlorobenzene	13.15	180	221837	50.232	ug/L	100
70) 1,2,4-trichlorobenzene	13.63	180	208599	51.155	ug/L	100
71) Naphthalene	13.82	128	701575	55.175	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	205097	50.994	ug/L	100

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

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