

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019208.D
 Acq On : 02 Nov 2020 12:23
 Operator : JC/MD
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD200406

Quant Time: Nov 02 13:08:27 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	505156	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	443429	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	213851	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	836598	237.94	ug/L	0.00
7) Chloroethane-d5	1.70	69	575939	215.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	1436535	210.10	ug/L	0.00
21) 2-Butanone-d5	4.54	46	847739	383.72	ug/L	0.00
24) Chloroform-d	5.14	84	1401011	216.65	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	886210	185.81	ug/L	0.00
32) Benzene-d6	6.05	84	2823036	240.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	843708	232.77	ug/L	0.00
41) Toluene-d8	8.70	98	2589695	224.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	456126	222.95	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	673584	447.26	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	953402	199.76	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	837677	203.45	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	682243	164.787	ug/L	100
3) Chloromethane	1.31	50	678379	203.087	ug/L	99
5) Vinyl chloride	1.40	62	776238	209.443	ug/L	100
6) Bromomethane	1.64	94	516152	247.843	ug/L	100
8) Chloroethane	1.72	64	444109	200.429	ug/L	100
9) Trichlorofluoromethane	1.92	101	1152897	188.576	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	677547	202.071	ug/L	100
12) 1,1-Dichloroethene	2.36	96	663321	209.918	ug/L #	82
13) Acetone	2.43	43	515936	321.410	ug/L	99
14) Carbon disulfide	2.55	76	1985733	207.398	ug/L	99
15) Methyl Acetate	2.75	43	644435	190.180	ug/L	99
16) Methylene chloride	2.84	84	717905	205.993	ug/L	98
17) trans-1,2-Dichloroethene	3.14	96	708636	211.309	ug/L	99
18) Methyl tert-butyl Ether	3.17	73	2280525	213.012	ug/L	100
19) 1,1-Dichloroethane	3.67	63	1249510	202.655	ug/L	99
20) cis-1,2-Dichloroethene	4.56	96	792774	215.669	ug/L	100
22) 2-Butanone	4.64	43	867673	356.711	ug/L	100
23) Bromochloromethane	4.98	128	396692	200.999	ug/L	95
25) Chloroform	5.18	83	1328171	195.085	ug/L	97
27) 1,2-Dichloroethane	6.17	62	1037460	190.778	ug/L	99
29) Cyclohexane	5.55	56	1178824	239.531	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	1224044	209.143	ug/L	99
31) Carbon tetrachloride	5.76	117	1069271	204.744	ug/L	100
33) Benzene	6.12	78	2878025	230.238	ug/L	100
34) Trichloroethene	7.19	95	793046	227.809	ug/L	99
35) Methylcyclohexane	7.44	83	1282185	250.249	ug/L	100
37) 1,2-Dichloropropane	7.49	63	719506	219.867	ug/L	100
38) Bromodichloromethane	7.87	83	1022669	219.804	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	1238185	234.153	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	1692166	397.530	ug/L	99

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42) Toluene	8.76	91	3082722	229.098	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	1186633	221.522	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	682467	215.675	ug/L	99
46) Tetrachloroethene	9.32	164	591282	210.598	ug/L	96
48) 2-Hexanone	9.48	43	1285770	382.307	ug/L	99
49) Dibromochloromethane	9.57	129	784680	200.982	ug/L	99
50) 1,2-Dibromoethane	9.65	107	730942	211.090	ug/L	97
51) Chlorobenzene	10.12	112	1859149	208.025	ug/L	98
52) Ethylbenzene	10.24	91	3303950	220.836	ug/L	97
53) m,p-Xylene	10.34	106	1260849	222.143	ug/L	97
54) o-Xylene	10.68	106	1202337	220.086	ug/L	96
55) Styrene	10.70	104	2048908	217.649	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.25	83	934882	195.495	ug/L	99
59) Bromoform	10.84	173	532637	194.445	ug/L	99
60) Isopropylbenzene	11.00	105	3154267	225.900	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	761172	196.165	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	2629041	228.127	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	2483359	215.109	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	1369273	203.745	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	1364553	201.145	ug/L	97
67) 1,2-Dichlorobenzene	12.38	146	1301424	201.076	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	238259	214.180	ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	1008842	223.428	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	943272	226.246	ug/L	98
71) Naphthalene	13.82	128	3161138	243.151	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	937216	227.912	ug/L	100

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

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