

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018210.D
 Acq On : 02 Sep 2020 11:17
 Operator : JC/SP
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD20035

Quant Time: Sep 03 04:17:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:13:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	690486	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	702624	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	350763	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	1085330	227.62	ug/L	0.00
7) Chloroethane-d5	1.68	69	803459	153.96	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.34	63	2133319	216.57	ug/L	0.00
21) 2-Butanone-d5	4.53	46	1624585	323.89	ug/L	0.00
24) Chloroform-d	5.14	84	2096892	204.90	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	1450776	196.91	ug/L	0.00
32) Benzene-d6	6.05	84	3965619	198.48	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	1255547	192.91	ug/L	0.00
41) Toluene-d8	8.70	98	3877193	205.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	753151	224.21	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	1266607	372.81	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	11.23	84	1689985	169.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.36	152	1499526	192.80	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1117398	226.538	ug/L	98
3) Chloromethane	1.31	50	1082619	215.710	ug/L	97
5) Vinyl chloride	1.39	62	1036333	205.602	ug/L	100
6) Bromomethane	1.62	94	613167	169.691	ug/L	99
8) Chloroethane	1.70	64	599632	145.223	ug/L	99
9) Trichlorofluoromethane	1.91	101	1669464	190.428	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	936281	215.241	ug/L	98
12) 1,1-Dichloroethene	2.35	96	910380	224.709	ug/L	95
13) Acetone	2.42	43	909818	279.983	ug/L	100
14) Carbon disulfide	2.54	76	2778041	214.231	ug/L	98
15) Methyl Acetate	2.75	43	1065631	176.043	ug/L	99
16) Methylene chloride	2.83	84	974578	201.295	ug/L	95
17) trans-1,2-Dichloroethene	3.14	96	941677	210.108	ug/L	98
18) Methyl tert-butyl Ether	3.17	73	3138590	218.489	ug/L	99
19) 1,1-Dichloroethane	3.67	63	1753232	203.347	ug/L	99
20) cis-1,2-Dichloroethene	4.56	96	1055889	208.844	ug/L	# 98
22) 2-Butanone	4.64	43	1527778	332.281	ug/L	100
23) Bromochloromethane	4.98	128	563974	219.238	ug/L	96
25) Chloroform	5.18	83	1887999	196.713	ug/L	99
27) 1,2-Dichloroethane	6.17	62	1570506	198.702	ug/L	99
29) Cyclohexane	5.55	56	1561308	204.747	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	1788356	208.975	ug/L	100
31) Carbon tetrachloride	5.75	117	1658517	228.318	ug/L	100
33) Benzene	6.12	78	3872417	199.472	ug/L	100
34) Trichloroethene	7.19	95	1071496	207.202	ug/L	98
35) Methylcyclohexane	7.44	83	1586275	200.500	ug/L	99
37) 1,2-Dichloropropane	7.49	63	1020263	194.896	ug/L	99
38) Bromodichloromethane	7.88	83	1477116	210.254	ug/L	98
39) cis-1,3-Dichloropropene	8.41	75	1739950	220.250	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	3052552	348.050	ug/L	99

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42) Toluene	8.77	91	4245484	198.850	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	1823700	233.036	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	1024794	202.718	ug/L	94
46) Tetrachloroethene	9.32	164	872903	217.524	ug/L	91
48) 2-Hexanone	9.48	43	2442145	343.624	ug/L	100
49) Dibromochloromethane	9.57	129	1339404	230.472	ug/L	97
50) 1,2-Dibromoethane	9.65	107	1160692	209.089	ug/L	97
51) Chlorobenzene	10.12	112	2906965	210.992	ug/L	99
52) Ethylbenzene	10.24	91	4990049	211.829	ug/L	100
53) m,p-Xylene	10.34	106	1942325	217.693	ug/L	99
54) o-xylene	10.68	106	1884417	220.130	ug/L	98
55) Styrene	10.70	104	3233851	218.641	ug/L	96
56) Isopropylbenzene	11.01	105	5041993	217.318	ug/L	99
58) 1,1,2,2-Tetrachloroethane	11.26	83	1518981	171.008	ug/L	99
59) 1,2,3-Trichloropropane	11.28	75	1310980	175.866	ug/L	99
61) Bromoform	10.84	173	989865	230.066	ug/L	98
62) 1,3-Dichlorobenzene	12.01	146	2299744	210.117	ug/L	97
63) 1,4-Dichlorobenzene	12.09	146	2351006	214.955	ug/L	99
65) 1,2-Dichlorobenzene	12.38	146	2178285	199.672	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.98	75	419161	198.660	ug/L	92
67) 1,3,5-Trichlorobenzene	13.16	180	1573346	204.105	ug/L	99
68) 1,2,4-trichlorobenzene	13.63	180	1517287	231.479	ug/L	96
69) Naphthalene	13.82	128	5017163	250.910	ug/L	99
70) 1,2,3-Trichlorobenzene	14.01	180	1421152	212.362	ug/L	98

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

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