

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018209.D
 Acq On : 02 Sep 2020 10:54
 Operator : JC/SP
 Sample : VSTD10034
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD10034

Quant Time: Sep 03 04:16:50 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	6.84	114	661489	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	636028	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	329025	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	531172	116.29	ug/L	0.00
7) Chloroethane-d5	1.68	69	395172	79.04	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	1033753	109.54	ug/L	0.00
21) 2-Butanone-d5	4.53	46	786209	163.62	ug/L	0.00
24) Chloroform-d	5.14	84	1015335	103.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.04	65	716693	101.54	ug/L	0.00
32) Benzene-d6	6.05	84	1956535	108.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	613279	104.09	ug/L	0.00
41) Toluene-d8	8.70	98	1897447	111.28	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	356998	117.40	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	602364	195.86	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	11.23	84	832058	92.24	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.36	152	734669	100.70	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	553899	117.219	ug/L	97
3) Chloromethane	1.31	50	517966	107.728	ug/L	96
5) Vinyl chloride	1.39	62	508080	105.219	ug/L	99
6) Bromomethane	1.62	94	307810	88.919	ug/L	97
8) Chloroethane	1.71	64	295294	74.651	ug/L	100
9) Trichlorofluoromethane	1.92	101	851154	101.343	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	468189	112.350	ug/L	98
12) 1,1-Dichloroethene	2.36	96	445840	114.871	ug/L	85
13) Acetone	2.42	43	431551	138.625	ug/L	99
14) Carbon disulfide	2.55	76	1367923	110.113	ug/L	99
15) Methyl Acetate	2.75	43	520644	89.781	ug/L	99
16) Methylene chloride	2.84	84	490095	105.664	ug/L	96
17) trans-1,2-Dichloroethene	3.14	96	458522	106.791	ug/L	98
18) Methyl tert-butyl Ether	3.17	73	1527771	111.016	ug/L	99
19) 1,1-Dichloroethane	3.67	63	876402	106.105	ug/L	100
20) cis-1,2-Dichloroethene	4.57	96	508389	104.962	ug/L	# 100
22) 2-Butanone	4.64	43	728618	165.416	ug/L	99
23) Bromochloromethane	4.99	128	283341	114.974	ug/L	92
25) Chloroform	5.18	83	958149	104.207	ug/L	99
27) 1,2-Dichloroethane	6.17	62	770844	101.803	ug/L	99
29) Cyclohexane	5.55	56	762464	110.457	ug/L	98
30) 1,1,1-Trichloroethane	5.46	97	882530	113.924	ug/L	99
31) Carbon tetrachloride	5.76	117	812909	123.626	ug/L	98
33) Benzene	6.12	78	1908784	108.619	ug/L	100
34) Trichloroethene	7.19	95	522389	111.595	ug/L	98
35) Methylcyclohexane	7.44	83	781987	109.190	ug/L	99
37) 1,2-Dichloropropane	7.49	63	503278	106.205	ug/L	99
38) Bromodichloromethane	7.88	83	722685	113.639	ug/L	95
39) cis-1,3-Dichloropropene	8.42	75	831879	116.329	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	1461959	184.146	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.77	91	2117754	109.578	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	869066	122.679	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	494108	107.976	ug/L	95
46) Tetrachloroethene	9.32	164	424082	116.745	ug/L	93
48) 2-Hexanone	9.48	43	1179672	183.367	ug/L	99
49) Dibromochloromethane	9.57	129	645439	122.690	ug/L	99
50) 1,2-Dibromoethane	9.65	107	549892	109.430	ug/L	94
51) Chlorobenzene	10.12	112	1402581	112.461	ug/L	97
52) Ethylbenzene	10.24	91	2371981	111.234	ug/L	99
53) m,p-Xylene	10.34	106	910898	112.782	ug/L	100
54) o-xylene	10.68	106	885255	114.240	ug/L	95
55) Styrene	10.70	104	1564277	116.835	ug/L	100
56) Isopropylbenzene	11.01	105	2395587	114.065	ug/L	100
58) 1,1,2,2-Tetrachloroethane	11.25	83	747263	92.936	ug/L	98
59) 1,2,3-Trichloropropane	11.28	75	659826	97.783	ug/L	99
61) Bromoform	10.84	173	507717	125.801	ug/L	99
62) 1,3-Dichlorobenzene	12.01	146	1117295	108.827	ug/L	97
63) 1,4-Dichlorobenzene	12.08	146	1115402	108.720	ug/L	98
65) 1,2-Dichlorobenzene	12.38	146	1065097	104.082	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.98	75	197975	100.029	ug/L	91
67) 1,3,5-Trichlorobenzene	13.15	180	723026	99.993	ug/L	97
68) 1,2,4-trichlorobenzene	13.63	180	718605	116.874	ug/L	100
69) Naphthalene	13.82	128	2395983	127.740	ug/L	100
70) 1,2,3-Trichlorobenzene	14.00	180	699882	111.493	ug/L	96

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

