

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070318\
 Data File : VX003163.D
 Acq On : 03 Jul 2018 21:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 7/5/2018 2:29:07 PM

Quant Time: Jul 04 05:13:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	263718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	364933	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	228887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	175517	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
35) Dibromofluoromethane	5.51	113	148926	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
50) Toluene-d8	8.72	98	527369	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.14	95	204115	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136696	58.104	ug/l	98
3) Chloromethane	1.32	50	145221	59.632	ug/l	99
4) Vinyl Chloride	1.40	62	162740	54.567	ug/l	98
5) Bromomethane	1.64	94	53840	38.021	ug/l	99
6) Chloroethane	1.71	64	100260	57.622	ug/l	97
7) Trichlorofluoromethane	1.92	101	250688	49.831	ug/l	97
8) Diethyl Ether	2.19	74	95603	52.274	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	147006	50.431	ug/l	97
10) Methyl Iodide	2.51	142	137571	46.968	ug/l	96
11) Tert butyl alcohol	3.09	59	191755	264.075	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133070	51.164	ug/l	91
13) Acrolein	2.30	56	59812	150.292	ug/l	100
14) Allyl chloride	2.73	41	258184	50.359	ug/l	95
15) Acrylonitrile	3.15	53	427600	275.694	ug/l	99
16) Acetone	2.45	43	387634	256.788	ug/l	95
17) Carbon Disulfide	2.57	76	360043	51.957	ug/l	98
18) Methyl Acetate	2.78	43	220471	52.238	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	473739	50.666	ug/l	99
20) Methylene Chloride	2.85	84	158994	54.124	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	143061	50.502	ug/l	94
22) Diisopropyl ether	3.88	45	493591	50.366	ug/l	99
23) Vinyl Acetate	3.83	43	2177827	262.441	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269938	50.678	ug/l	99
25) 2-Butanone	4.72	43	636507	284.115	ug/l	97
26) 2,2-Dichloropropane	4.59	77	160174	36.981	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	167902	52.863	ug/l	94
28) Bromochloromethane	5.03	49	130125	51.038	ug/l	90
29) Tetrahydrofuran	5.17	42	408246	284.164	ug/l	96
30) Chloroform	5.22	83	291473	53.321	ug/l	99
31) Cyclohexane	5.57	56	242754	53.105	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	257152	53.467	ug/l	98
36) 1,1-Dichloropropene	5.80	75	209929	52.456	ug/l	99
37) Ethyl Acetate	4.87	43	243796	56.579	ug/l	99
38) Carbon Tetrachloride	5.79	117	234978	53.505	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243311	52.196	ug/l	99
40) Benzene	6.15	78	637456	54.821	ug/l	99
41) Methacrylonitrile	5.07	41	137149	55.274	ug/l	98
42) 1,2-Dichloroethane	6.20	62	237726	50.611	ug/l	99
43) Isopropyl Acetate	6.48	43	387057	53.560	ug/l	98
44) Trichloroethene	7.22	130	183914	53.050	ug/l	99
45) 1,2-Dichloropropane	7.52	63	163768	53.095	ug/l	100
46) Dibromomethane	7.66	93	113725	53.128	ug/l	96
47) Bromodichloromethane	7.90	83	217259	54.901	ug/l	98
48) Methyl methacrylate	7.79	41	203856	54.748	ug/l	94
49) 1,4-Dioxane	7.76	88	86984	1200.699	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1279758	283.046	ug/l	97
52) Toluene	8.79	92	408566	54.848	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	244113	54.469	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	224428	52.044	ug/l	94
55) 1,1,2-Trichloroethane	9.22	97	168467	55.037	ug/l	97
56) Ethyl methacrylate	9.19	69	257036	57.456	ug/l	92
57) 1,3-Dichloropropane	9.38	76	274861	54.673	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	574991	266.418	ug/l	97
59) 2-Hexanone	9.50	43	987857	287.479	ug/l	96
60) Dibromochloromethane	9.59	129	183600	56.978	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180178	56.118	ug/l	100
64) Tetrachloroethene	9.34	164	213378	54.730	ug/l	98
65) Chlorobenzene	10.14	112	469474	52.716	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	176892	54.678	ug/l	100
67) Ethyl Benzene	10.26	91	791198	53.781	ug/l	100
68) m/p-Xylenes	10.36	106	620680	109.470	ug/l	97
69) o-Xylene	10.70	106	302104	54.721	ug/l	98
70) Styrene	10.71	104	508192	56.650	ug/l	99
71) Bromoform	10.86	173	147786	50.515	ug/l	100
73) Isopropylbenzene	11.02	105	817872	53.116	ug/l	99
74) N-amyl acetate	6.48	43	387057	51.375	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	259070	54.620	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	220470m	53.177	ug/l	
77) Bromobenzene	11.26	156	230186	52.495	ug/l	96
78) n-propylbenzene	11.37	91	924908	52.770	ug/l	99
79) 2-Chlorotoluene	11.43	91	547100	51.558	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	690473	53.241	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	64970	45.772	ug/l	97
82) 4-Chlorotoluene	11.51	91	645696	51.400	ug/l	98
83) tert-Butylbenzene	11.77	119	677138	52.979	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	709298	52.787	ug/l	98
85) sec-Butylbenzene	11.95	105	807285	52.065	ug/l	98
86) p-Isopropyltoluene	12.07	119	740080	53.090	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	418159	52.213	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	419737	50.929	ug/l	99
89) n-Butylbenzene	12.39	91	603601	49.748	ug/l	99
90) Hexachloroethane	12.60	117	111205	53.633	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	420749	52.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	58448	54.815	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307491	52.270	ug/l	99
94) Hexachlorobutadiene	13.79	225	149137	50.830	ug/l	99
95) Naphthalene	13.84	128	896836	57.238	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321533	54.721	ug/l	100

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

