

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070318\
 Data File : VX003141.D
 Acq On : 03 Jul 2018 10:20
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 7/5/2018 2:28:48 PM

Quant Time: Jul 04 03:40:44 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	295809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	379869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	236794	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	159909	39.11	ug/l	0.00
Spiked Amount			Recovery	=	78.22%	
35) Dibromofluoromethane	5.51	113	138825	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
50) Toluene-d8	8.72	98	499009	45.43	ug/l	0.00
Spiked Amount			Recovery	=	90.86%	
62) 4-Bromofluorobenzene	11.14	95	195965	46.26	ug/l	0.00
Spiked Amount			Recovery	=	92.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	140139	53.079	ug/l	99
3) Chloromethane	1.32	50	142479	52.006	ug/l	99
4) Vinyl Chloride	1.40	62	161687	48.332	ug/l	98
5) Bromomethane	1.64	94	69483	44.178	ug/l	99
6) Chloroethane	1.72	64	98990	50.455	ug/l	99
7) Trichlorofluoromethane	1.93	101	253254	44.880	ug/l	98
8) Diethyl Ether	2.19	74	93437	45.547	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	151688	46.392	ug/l	96
10) Methyl Iodide	2.51	142	131825	41.031	ug/l	97
11) Tert butyl alcohol	3.08	59	156232	191.814	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134113	45.971	ug/l	92
13) Acrolein	2.29	56	57114	128.573	ug/l	99
14) Allyl chloride	2.73	41	260902	45.369	ug/l	95
15) Acrylonitrile	3.15	53	381402	219.231	ug/l	99
16) Acetone	2.45	43	340244	200.943	ug/l	96
17) Carbon Disulfide	2.57	76	372465	47.918	ug/l	98
18) Methyl Acetate	2.78	43	181195	38.274	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	463112	44.157	ug/l	99
20) Methylene Chloride	2.86	84	150363	45.633	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	144860	45.590	ug/l	94
22) Diisopropyl ether	3.88	45	513419	46.706	ug/l	97
23) Vinyl Acetate	3.83	43	2183095	234.536	ug/l	98
24) 1,1-Dichloroethane	3.70	63	269642	45.131	ug/l	100
25) 2-Butanone	4.71	43	569542	226.645	ug/l	96
26) 2,2-Dichloropropane	4.59	77	239938	49.387	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	173459	48.688	ug/l	93
28) Bromochloromethane	5.02	49	141766	49.572	ug/l	89
29) Tetrahydrofuran	5.17	42	366385	227.360	ug/l	97
30) Chloroform	5.22	83	291567	47.551	ug/l	96
31) Cyclohexane	5.57	56	252983	49.338	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	261626	48.496	ug/l	99
36) 1,1-Dichloropropene	5.80	75	217368	52.180	ug/l	99
37) Ethyl Acetate	4.87	43	224514	50.055	ug/l	98
38) Carbon Tetrachloride	5.78	117	238579	52.189	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	254200	52.388	ug/l	96
40) Benzene	6.15	78	618586	51.107	ug/l	100
41) Methacrylonitrile	5.07	41	127069	49.198	ug/l	98
42) 1,2-Dichloroethane	6.20	62	233384	47.733	ug/l	99
43) Isopropyl Acetate	6.47	43	365166	48.544	ug/l	97
44) Trichloroethene	7.21	130	188809	52.321	ug/l	99
45) 1,2-Dichloropropane	7.52	63	158950	49.506	ug/l	98
46) Dibromomethane	7.67	93	110551	49.614	ug/l	95
47) Bromodichloromethane	7.90	83	213838	51.912	ug/l	98
48) Methyl methacrylate	7.78	41	186872	48.213	ug/l	95
49) 1,4-Dioxane	7.76	88	67915	900.616	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1166811	247.918	ug/l	97
52) Toluene	8.79	92	412253	53.167	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	258294	55.367	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	241808	53.870	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	165745	52.019	ug/l	97
56) Ethyl methacrylate	9.18	69	250479	53.789	ug/l	93
57) 1,3-Dichloropropane	9.38	76	265690	50.771	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	510280	227.138	ug/l	96
59) 2-Hexanone	9.50	43	873479	244.199	ug/l	96
60) Dibromochloromethane	9.59	129	180820	53.909	ug/l	99
61) 1,2-Dibromoethane	9.68	107	173001	51.764	ug/l	100
64) Tetrachloroethene	9.34	164	212050	52.571	ug/l	98
65) Chlorobenzene	10.14	112	468462	50.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	174408	52.107	ug/l	99
67) Ethyl Benzene	10.26	91	791491	52.002	ug/l	100
68) m/p-Xylenes	10.36	106	626833	106.859	ug/l	97
69) o-Xylene	10.70	106	307136	53.773	ug/l	98
70) Styrene	10.71	104	522519	56.299	ug/l	98
71) Bromoform	10.86	173	145895	48.380	ug/l	100
73) Isopropylbenzene	11.02	105	845987	53.107	ug/l	100
74) N-amyl acetate	6.47	43	365166	46.851	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	239452	48.798	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	244374m	56.974	ug/l	
77) Bromobenzene	11.26	156	231885	51.116	ug/l	95
78) n-propylbenzene	11.37	91	950159	52.401	ug/l	98
79) 2-Chlorotoluene	11.43	91	553795	50.447	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	709294	52.866	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	71410	48.419	ug/l	95
82) 4-Chlorotoluene	11.51	91	662490	50.976	ug/l	97
83) tert-Butylbenzene	11.77	119	681810	51.563	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	713285	51.311	ug/l	98
85) sec-Butylbenzene	11.95	105	814139	50.754	ug/l	99
86) p-Isopropyltoluene	12.07	119	751302	52.096	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	418853	50.553	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	424345	49.769	ug/l	99
89) n-Butylbenzene	12.39	91	641126	51.076	ug/l	99
90) Hexachloroethane	12.60	117	114995	53.609	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	418461	50.041	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53160	48.191	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	327064	53.740	ug/l	99
94) Hexachlorobutadiene	13.79	225	162365	53.490	ug/l	99
95) Naphthalene	13.83	128	870956	53.731	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	325995	53.628	ug/l	99

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

