

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012419\
 Data File : VX007214.D
 Acq On : 24 Jan 2019 19:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:31:15 AM

Quant Time: Jan 25 03:02:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	447300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	674594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	617231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	317361	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	241412	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
35) Dibromofluoromethane	5.50	113	218696	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
50) Toluene-d8	8.71	98	802566	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.13	95	285919	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168732	45.936	ug/l	99
3) Chloromethane	1.33	50	193651	45.287	ug/l	98
4) Vinyl Chloride	1.41	62	213177	46.345	ug/l	98
5) Bromomethane	1.64	94	212339	43.207	ug/l	99
6) Chloroethane	1.71	64	145680	45.358	ug/l	99
7) Trichlorofluoromethane	1.92	101	362928	48.832	ug/l	97
8) Diethyl Ether	2.19	74	145103	49.073	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	213604	48.005	ug/l	99
10) Methyl Iodide	2.51	142	322556	53.740	ug/l	99
11) Tert butyl alcohol	3.09	59	275713	250.029	ug/l	99
12) 1,1-Dichloroethene	2.37	96	194823	47.390	ug/l	98
13) Acrolein	2.30	56	143897	301.919	ug/l	96
14) Allyl chloride	2.73	41	349098	49.549	ug/l	99
15) Acrylonitrile	3.15	53	669679	264.543	ug/l	99
16) Acetone	2.45	43	577103	249.719	ug/l	100
17) Carbon Disulfide	2.57	76	410685	38.802	ug/l	99
18) Methyl Acetate	2.78	43	404841	60.491	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	739183	51.804	ug/l	99
20) Methylene Chloride	2.85	84	233211	53.091	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	208569	45.526	ug/l	98
22) Diisopropyl ether	3.87	45	678061	51.192	ug/l	94
23) Vinyl Acetate	3.82	43	2817289	252.214	ug/l	99
24) 1,1-Dichloroethane	3.70	63	370726	50.055	ug/l	99
25) 2-Butanone	4.70	43	856249	258.943	ug/l	99
26) 2,2-Dichloropropane	4.59	77	252264	44.294	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	244524	48.389	ug/l	98
28) Bromochloromethane	5.02	49	163457	50.372	ug/l	96
29) Tetrahydrofuran	5.15	42	556162	258.806	ug/l	98
30) Chloroform	5.21	83	402723	51.934	ug/l	99
31) Cyclohexane	5.57	56	299659	45.458	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	334067	50.826	ug/l	98
36) 1,1-Dichloropropene	5.80	75	274274	46.764	ug/l	99
37) Ethyl Acetate	4.86	43	321931	51.199	ug/l	98
38) Carbon Tetrachloride	5.78	117	290933	49.303	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	328736	43.966	ug/l	97
40) Benzene	6.15	78	867618	48.481	ug/l	100
41) Methacrylonitrile	5.06	41	180356	49.790	ug/l	98
42) 1,2-Dichloroethane	6.20	62	302431	48.904	ug/l	100
43) Isopropyl Acetate	6.46	43	516350	52.061	ug/l	98
44) Trichloroethene	7.21	130	247946	46.235	ug/l	98
45) 1,2-Dichloropropane	7.52	63	221419	49.214	ug/l	99
46) Dibromomethane	7.66	93	158719	50.196	ug/l	97
47) Bromodichloromethane	7.90	83	286848	53.296	ug/l	99
48) Methyl methacrylate	7.77	41	264889	52.006	ug/l	95
49) 1,4-Dioxane	7.75	88	115945	996.770	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1706865	267.783	ug/l	99
52) Toluene	8.79	92	565609	49.173	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	311469	52.189	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	342335	51.941	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	246991	53.647	ug/l	97
56) Ethyl methacrylate	9.18	69	353151	52.543	ug/l	95
57) 1,3-Dichloropropane	9.37	76	392282	52.009	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	876996	253.778	ug/l	98
59) 2-Hexanone	9.49	43	1280804	263.681	ug/l	99
60) Dibromochloromethane	9.59	129	252015	56.372	ug/l	99
61) 1,2-Dibromoethane	9.67	107	262612	51.813	ug/l	99
64) Tetrachloroethene	9.34	164	242279	45.338	ug/l	97
65) Chlorobenzene	10.14	112	658689	48.929	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	241955	53.427	ug/l	99
67) Ethyl Benzene	10.25	91	1073749	48.314	ug/l	99
68) m/p-Xylenes	10.36	106	844226	96.416	ug/l	99
69) o-Xylene	10.70	106	418522	49.011	ug/l	98
70) Styrene	10.71	104	677938	50.127	ug/l	99
71) Bromoform	10.86	173	190620	47.327	ug/l	99
73) Isopropylbenzene	11.02	105	1120572	50.074	ug/l	99
74) N-amyl acetate	10.90	43	464523	51.556	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	362047	50.961	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	328040m	51.008	ug/l	
77) Bromobenzene	11.26	156	300886	48.797	ug/l	100
78) n-propylbenzene	11.36	91	1222280	49.754	ug/l	100
79) 2-Chlorotoluene	11.42	91	722456	48.854	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	911884	48.767	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	96655	45.707	ug/l	100
82) 4-Chlorotoluene	11.51	91	843425	49.259	ug/l	100
83) tert-Butylbenzene	11.77	119	939000	50.331	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	931010	49.513	ug/l	100
85) sec-Butylbenzene	11.94	105	1107933	49.726	ug/l	100
86) p-Isopropyltoluene	12.07	119	1005735	50.465	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	535813	48.076	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	535073	50.669	ug/l	99
89) n-Butylbenzene	12.39	91	839219	49.397	ug/l	99
90) Hexachloroethane	12.60	117	158065	49.699	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	536424	48.772	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	75233	53.544	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	373595	49.510	ug/l	100
94) Hexachlorobutadiene	13.78	225	176138	52.601	ug/l	98
95) Naphthalene	13.83	128	1175047	51.390	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	379090	50.573	ug/l	99

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

