

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012419\
 Data File : VX007195.D
 Acq On : 24 Jan 2019 10:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/25/2019 10:30:27 AM

Quant Time: Jan 25 00:14:45 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	5.66	168	482355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	695660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	642155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342702	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243708	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.50	113	223554	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	8.71	98	826273	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	301538	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	186471	47.076	ug/l	99
3) Chloromethane	1.33	50	205855	44.642	ug/l	99
4) Vinyl Chloride	1.41	62	220881	44.530	ug/l	99
5) Bromomethane	1.64	94	226461	42.732	ug/l	96
6) Chloroethane	1.71	64	148191	42.786	ug/l	99
7) Trichlorofluoromethane	1.93	101	372366	46.460	ug/l	99
8) Diethyl Ether	2.19	74	144975	45.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	228719	47.666	ug/l	99
10) Methyl Iodide	2.51	142	329623	50.926	ug/l	100
11) Tert butyl alcohol	3.08	59	283792	238.652	ug/l	99
12) 1,1-Dichloroethene	2.37	96	201358	45.420	ug/l	99
13) Acrolein	2.30	56	158820	308.940	ug/l	99
14) Allyl chloride	2.73	41	358962	47.246	ug/l	99
15) Acrylonitrile	3.15	53	679784	249.019	ug/l	100
16) Acetone	2.45	43	667696	267.923	ug/l	100
17) Carbon Disulfide	2.57	76	450788	39.495	ug/l	100
18) Methyl Acetate	2.78	43	373496	51.752	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	739617	48.067	ug/l	98
20) Methylene Chloride	2.86	84	235597	49.700	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	216209	43.764	ug/l	98
22) Diisopropyl ether	3.87	45	690189	48.321	ug/l	94
23) Vinyl Acetate	3.82	43	2891283	240.028	ug/l	99
24) 1,1-Dichloroethane	3.70	63	405412	50.760	ug/l	98
25) 2-Butanone	4.70	43	928664	260.432	ug/l	96
26) 2,2-Dichloropropane	4.59	77	297614	48.459	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	250538	45.976	ug/l	96
28) Bromochloromethane	5.02	49	168043	48.022	ug/l	97
29) Tetrahydrofuran	5.15	42	566942	244.649	ug/l	97
30) Chloroform	5.21	83	407872	48.776	ug/l	100
31) Cyclohexane	5.57	56	320535	45.091	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	350235	49.413	ug/l	99
36) 1,1-Dichloropropene	5.80	75	287445	47.526	ug/l	99
37) Ethyl Acetate	4.85	43	328276	50.627	ug/l	98
38) Carbon Tetrachloride	5.78	117	306716	50.404	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	366556	47.540	ug/l	100
40) Benzene	6.14	78	890806	48.270	ug/l	99
41) Methacrylonitrile	5.06	41	183131	49.026	ug/l	98
42) 1,2-Dichloroethane	6.20	62	306238	48.020	ug/l	100
43) Isopropyl Acetate	6.46	43	524785	51.309	ug/l	97
44) Trichloroethene	7.21	130	261558	47.296	ug/l	92
45) 1,2-Dichloropropane	7.51	63	228144	49.173	ug/l	99
46) Dibromomethane	7.66	93	162303	49.775	ug/l	97
47) Bromodichloromethane	7.90	83	295289	53.203	ug/l	97
48) Methyl methacrylate	7.77	41	268632	51.144	ug/l	97
49) 1,4-Dioxane	7.75	88	123732	1031.804	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1752105	266.557	ug/l	99
52) Toluene	8.78	92	588321	49.599	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	328987	53.455	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	360998	53.114	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	254160	53.533	ug/l	99
56) Ethyl methacrylate	9.18	69	363019	52.375	ug/l	96
57) 1,3-Dichloropropane	9.37	76	396305	50.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	942561	264.492	ug/l	99
59) 2-Hexanone	9.49	43	1356001	270.709	ug/l	99
60) Dibromochloromethane	9.59	129	264599	57.394	ug/l	99
61) 1,2-Dibromoethane	9.67	107	269816	51.622	ug/l	100
64) Tetrachloroethene	9.34	164	277725	49.954	ug/l	98
65) Chlorobenzene	10.13	112	686346	49.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	256096	54.355	ug/l	99
67) Ethyl Benzene	10.25	91	1139888	49.299	ug/l	99
68) m/p-Xylenes	10.36	106	908785	99.761	ug/l	100
69) o-Xylene	10.70	106	441576	49.704	ug/l	98
70) Styrene	10.71	104	717006	50.958	ug/l	99
71) Bromoform	10.86	173	201951	48.107	ug/l	99
73) Isopropylbenzene	11.02	105	1192312	49.340	ug/l	99
74) N-amyl acetate	10.90	43	467726	48.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	368368	48.017	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	348488m	50.180	ug/l	
77) Bromobenzene	11.26	156	320503	48.135	ug/l	99
78) n-propylbenzene	11.36	91	1341008	50.550	ug/l	98
79) 2-Chlorotoluene	11.42	91	771613	48.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	992119	49.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	107194	46.840	ug/l	99
82) 4-Chlorotoluene	11.51	91	908171	49.118	ug/l	99
83) tert-Butylbenzene	11.77	119	973258	48.310	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1004111	49.452	ug/l	99
85) sec-Butylbenzene	11.94	105	1222430	50.808	ug/l	100
86) p-Isopropyltoluene	12.07	119	1091947	50.739	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	583951	48.521	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	587398	51.508	ug/l	100
89) n-Butylbenzene	12.39	91	953886	51.995	ug/l	99
90) Hexachloroethane	12.60	117	173056	50.349	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	580561	48.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80631	53.142	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	416945	51.169	ug/l	99
94) Hexachlorobutadiene	13.78	225	195853	54.164	ug/l	98
95) Naphthalene	13.83	128	1254303	50.800	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	416098	51.405	ug/l	98

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

