

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007101.D
 Acq On : 17 Jan 2019 20:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:24:35 AM

Quant Time: Jan 18 07:00:33 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	531108	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	784524	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	707375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	359479	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	271056	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
35) Dibromofluoromethane	5.51	113	251959	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	8.71	98	911476	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	321942	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	209380	48.007	ug/l	99
3) Chloromethane	1.32	50	234583	46.202	ug/l	98
4) Vinyl Chloride	1.41	62	263540	48.253	ug/l	100
5) Bromomethane	1.64	94	253649	43.468	ug/l	97
6) Chloroethane	1.71	64	173667	45.539	ug/l	99
7) Trichlorofluoromethane	1.92	101	437177	49.540	ug/l	97
8) Diethyl Ether	2.19	74	174373	49.667	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	251512	47.605	ug/l	99
10) Methyl Iodide	2.51	142	365749	51.321	ug/l	98
11) Tert butyl alcohol	3.08	59	339924	259.616	ug/l	98
12) 1,1-Dichloroethene	2.37	96	233557	47.847	ug/l	99
13) Acrolein	2.30	56	147175	260.496	ug/l	99
14) Allyl chloride	2.73	41	414766	49.580	ug/l	98
15) Acrylonitrile	3.15	53	779406	259.304	ug/l	99
16) Acetone	2.45	43	676071	246.381	ug/l	99
17) Carbon Disulfide	2.57	76	544541	43.330	ug/l	98
18) Methyl Acetate	2.78	43	433608	54.566	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	870729	51.394	ug/l	99
20) Methylene Chloride	2.85	84	269214	51.600	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	254892	46.858	ug/l	98
22) Diisopropyl ether	3.87	45	784496	49.881	ug/l	94
23) Vinyl Acetate	3.82	43	3256551	245.534	ug/l	98
24) 1,1-Dichloroethane	3.70	63	425754	48.413	ug/l	99
25) 2-Butanone	4.70	43	995559	253.563	ug/l	100
26) 2,2-Dichloropropane	4.59	77	297229	43.954	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	282473	47.078	ug/l	98
28) Bromochloromethane	5.02	49	187777	48.736	ug/l	97
29) Tetrahydrofuran	5.15	42	644245	252.488	ug/l	98
30) Chloroform	5.21	83	455006	49.417	ug/l	99
31) Cyclohexane	5.57	56	362986	46.375	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	389228	49.874	ug/l	99
36) 1,1-Dichloropropene	5.80	75	321225	47.095	ug/l	100
37) Ethyl Acetate	4.85	43	372097	50.885	ug/l	98
38) Carbon Tetrachloride	5.78	117	336601	49.049	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	396006	45.542	ug/l	98
40) Benzene	6.14	78	1003968	48.239	ug/l	99
41) Methacrylonitrile	5.06	41	202904	48.166	ug/l	98
42) 1,2-Dichloroethane	6.20	62	345560	48.048	ug/l	99
43) Isopropyl Acetate	6.46	43	602446	52.230	ug/l	98
44) Trichloroethene	7.21	130	296379	47.522	ug/l	95
45) 1,2-Dichloropropane	7.52	63	257016	49.121	ug/l	98
46) Dibromomethane	7.66	93	183944	50.022	ug/l	97
47) Bromodichloromethane	7.90	83	329398	52.626	ug/l	96
48) Methyl methacrylate	7.77	41	304281	51.369	ug/l	97
49) 1,4-Dioxane	7.75	88	139387	1030.682	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1946057	262.528	ug/l	99
52) Toluene	8.79	92	647039	48.370	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	363307	52.345	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	394210	51.431	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	278042	51.929	ug/l	99
56) Ethyl methacrylate	9.18	69	410930	52.572	ug/l	95
57) 1,3-Dichloropropane	9.37	76	440352	50.201	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1046194	260.319	ug/l	99
59) 2-Hexanone	9.49	43	1474888	261.091	ug/l	99
60) Dibromochloromethane	9.59	129	290244	55.826	ug/l	98
61) 1,2-Dibromoethane	9.67	107	299817	50.864	ug/l	99
64) Tetrachloroethene	9.34	164	285457	46.611	ug/l	96
65) Chlorobenzene	10.14	112	759930	49.256	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	277998	53.563	ug/l	99
67) Ethyl Benzene	10.25	91	1242552	48.785	ug/l	99
68) m/p-Xylenes	10.36	106	969837	96.647	ug/l	98
69) o-Xylene	10.70	106	481329	49.183	ug/l	98
70) Styrene	10.71	104	776134	50.074	ug/l	99
71) Bromoform	10.86	173	218336	47.302	ug/l #	98
73) Isopropylbenzene	11.02	105	1264343	49.879	ug/l	99
74) N-amyl acetate	10.90	43	533707	52.295	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	408026	50.704	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	378196m	51.917	ug/l	
77) Bromobenzene	11.26	156	344420	49.313	ug/l	99
78) n-propylbenzene	11.36	91	1409092	50.638	ug/l	99
79) 2-Chlorotoluene	11.42	91	818796	48.881	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1045926	49.382	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	111220	46.372	ug/l	99
82) 4-Chlorotoluene	11.51	91	963446	49.676	ug/l	100
83) tert-Butylbenzene	11.77	119	1072864	50.769	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1067039	50.099	ug/l	100
85) sec-Butylbenzene	11.94	105	1271378	50.376	ug/l	100
86) p-Isopropyltoluene	12.07	119	1141494	50.566	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	613981	48.635	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	612476	51.202	ug/l	100
89) n-Butylbenzene	12.39	91	972452	50.533	ug/l	99
90) Hexachloroethane	12.60	117	181250	50.276	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	607688	48.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	85693	53.843	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	432408	50.590	ug/l	100
94) Hexachlorobutadiene	13.78	225	198648	52.373	ug/l	99
95) Naphthalene	13.83	128	1342037	51.816	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	431402	50.809	ug/l	98

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

