

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122118\
 Data File : VX006735.D
 Acq On : 21 Dec 2018 20:24
 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

MMDadoda
 12/22/2018 11:21:13 AM

Quant Time: Dec 22 04:48:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	525826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	829924	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	732533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369154	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	295125	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	5.51	113	271329	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	8.72	98	942092	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.14	95	338337	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	216021	44.907	ug/l	100
3) Chloromethane	1.33	50	236708	45.675	ug/l	98
4) Vinyl Chloride	1.41	62	260013	48.038	ug/l	98
5) Bromomethane	1.64	94	252552	50.000	ug/l	99
6) Chloroethane	1.71	64	175588	46.851	ug/l	100
7) Trichlorofluoromethane	1.93	101	433648	51.388	ug/l	98
8) Diethyl Ether	2.19	74	177765	53.036	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	253405	51.143	ug/l	99
10) Methyl Iodide	2.51	142	353088	49.783	ug/l	100
11) Tert butyl alcohol	3.09	59	363892	287.719	ug/l	99
12) 1,1-Dichloroethene	2.37	96	236777	50.398	ug/l	97
13) Acrolein	2.30	56	217277	254.659	ug/l	98
14) Allyl chloride	2.73	41	420396	53.161	ug/l	98
15) Acrylonitrile	3.15	53	830485	295.743	ug/l	100
16) Acetone	2.45	43	695329	267.059	ug/l	98
17) Carbon Disulfide	2.57	76	555787	44.703	ug/l	100
18) Methyl Acetate	2.78	43	474708	62.005	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	884112	56.699	ug/l	99
20) Methylene Chloride	2.86	84	279745	51.960	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	260633	50.069	ug/l	99
22) Diisopropyl ether	3.87	45	806573	55.752	ug/l	95
23) Vinyl Acetate	3.83	43	3292594	278.238	ug/l	100
24) 1,1-Dichloroethane	3.70	63	444722	51.495	ug/l	99
25) 2-Butanone	4.71	43	1038381	283.527	ug/l	99
26) 2,2-Dichloropropane	4.59	77	264488	39.646	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	302645	52.695	ug/l	98
28) Bromochloromethane	5.02	49	203238	56.050	ug/l	95
29) Tetrahydrofuran	5.16	42	709879	294.293	ug/l	99
30) Chloroform	5.22	83	480760	53.756	ug/l	100
31) Cyclohexane	5.57	56	379769	48.404	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	398969	52.832	ug/l	99
36) 1,1-Dichloropropene	5.80	75	337402	49.086	ug/l	100
37) Ethyl Acetate	4.86	43	404816	56.584	ug/l	98
38) Carbon Tetrachloride	5.78	117	337260	50.487	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	415866	45.955	ug/l	100
40) Benzene	6.14	78	1057836	50.629	ug/l	99
41) Methacrylonitrile	5.06	41	216773	57.071	ug/l	98
42) 1,2-Dichloroethane	6.20	62	365472	51.333	ug/l	99
43) Isopropyl Acetate	6.46	43	616877	56.670	ug/l	98
44) Trichloroethene	7.21	130	307448	48.617	ug/l	92
45) 1,2-Dichloropropane	7.52	63	269486	53.002	ug/l	98
46) Dibromomethane	7.66	93	194291	51.951	ug/l	99
47) Bromodichloromethane	7.90	83	331816	53.440	ug/l	96
48) Methyl methacrylate	7.78	41	317615	57.377	ug/l	99
49) 1,4-Dioxane	7.76	88	161180	1115.133	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1964474	283.632	ug/l	100
52) Toluene	8.79	92	661370	48.997	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	343731	51.618	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	389047	53.245	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	291191	52.704	ug/l	99
56) Ethyl methacrylate	9.18	69	422384	54.090	ug/l	98
57) 1,3-Dichloropropane	9.37	76	463122	52.099	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	1087423	261.967	ug/l	100
59) 2-Hexanone	9.50	43	1507731	284.515	ug/l	100
60) Dibromochloromethane	9.59	129	284840	49.325	ug/l	98
61) 1,2-Dibromoethane	9.67	107	315255	53.676	ug/l	99
64) Tetrachloroethene	9.34	164	280981	48.440	ug/l	98
65) Chlorobenzene	10.14	112	763718	49.280	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	272799	56.420	ug/l	99
67) Ethyl Benzene	10.25	91	1255684	49.585	ug/l	98
68) m/p-Xylenes	10.36	106	991496	99.222	ug/l	100
69) o-Xylene	10.70	106	487781	49.433	ug/l	97
70) Styrene	10.71	104	802491	51.405	ug/l	100
71) Bromoform	10.86	173	205311	47.336	ug/l	99
73) Isopropylbenzene	11.02	105	1284258	50.852	ug/l	99
74) N-amyl acetate	10.90	43	541365	59.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	432265	57.553	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	385056m	56.127	ug/l	
77) Bromobenzene	11.26	156	349759	51.227	ug/l	99
78) n-propylbenzene	11.36	91	1410069	50.703	ug/l	100
79) 2-Chlorotoluene	11.42	91	835317	49.564	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1064117	51.156	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	102485	45.846	ug/l	96
82) 4-Chlorotoluene	11.51	91	969442	50.147	ug/l	100
83) tert-Butylbenzene	11.77	119	1097664	52.725	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1092530	49.934	ug/l	100
85) sec-Butylbenzene	11.94	105	1291792	50.609	ug/l	99
86) p-Isopropyltoluene	12.07	119	1154226	51.442	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	618246	50.243	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	616124	48.842	ug/l	99
89) n-Butylbenzene	12.39	91	975329	51.076	ug/l	99
90) Hexachloroethane	12.60	117	168061	48.000	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	626298	50.880	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	93028	59.861	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	440150	51.837	ug/l	99
94) Hexachlorobutadiene	13.79	225	195787	48.920	ug/l	99
95) Naphthalene	13.83	128	1485317	54.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	446728	50.957	ug/l	100

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

