

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052118\
 Data File : VX001871.D
 Acq On : 21 May 2018 11:02
 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

MMDadoda
 5/22/2018 12:47:23 PM

Quant Time: May 22 01:50:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	302347	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.86	114	375288	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177777	43.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.74%	
35) Dibromofluoromethane	5.50	113	163505	51.63	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.26%	
50) Toluene-d8	8.72	98	614607	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	11.14	95	201519	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	140158	46.194	ug/l	100
3) Chloromethane	1.32	50	167047	50.966	ug/l	99
4) Vinyl Chloride	1.40	62	174083	49.129	ug/l	100
5) Bromomethane	1.63	94	59734	39.380	ug/l	94
6) Chloroethane	1.70	64	57517	25.770	ug/l	99
7) Trichlorofluoromethane	1.90	101	243906	47.369	ug/l	100
8) Diethyl Ether	2.19	74	105325	49.694	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	160700	51.843	ug/l	98
10) Methyl Iodide	2.50	142	205324	71.995	ug/l	98
11) Tert butyl alcohol	3.14	59	198551	275.957	ug/l	98
12) 1,1-Dichloroethene	2.36	96	138814	46.452	ug/l	99
13) Acrolein	2.30	56	45985	90.115	ug/l	99
14) Allyl chloride	2.71	41	275772	49.925	ug/l	97
15) Acrylonitrile	3.16	53	447939	247.871	ug/l	99
16) Acetone	2.46	43	370620	232.841	ug/l	100
17) Carbon Disulfide	2.55	76	316273	40.572	ug/l	99
18) Methyl Acetate	2.79	43	252247	54.208	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	503774	50.016	ug/l	99
20) Methylene Chloride	2.85	84	165189	48.483	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	150320	45.662	ug/l	98
22) Diisopropyl ether	3.88	45	545436	51.473	ug/l	97
23) Vinyl Acetate	3.82	43	1795598	235.190	ug/l	99
24) 1,1-Dichloroethane	3.69	63	289480	49.813	ug/l	99
25) 2-Butanone	4.73	43	627717	257.583	ug/l	96
26) 2,2-Dichloropropane	4.58	77	247294	52.858	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	188302	50.266	ug/l	98
28) Bromochloromethane	5.02	49	138549	53.671	ug/l	98
29) Tetrahydrofuran	5.18	42	396671	249.715	ug/l	99
30) Chloroform	5.21	83	307600	50.390	ug/l	98
31) Cyclohexane	5.56	56	265293	52.080	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	266563	50.534	ug/l	99
36) 1,1-Dichloropropene	5.79	75	222573	51.519	ug/l	99
37) Ethyl Acetate	4.87	43	236738	52.582	ug/l	99
38) Carbon Tetrachloride	5.78	117	242155	53.506	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	289819	57.417	ug/l	99
40) Benzene	6.14	78	698844	54.903	ug/l	99
41) Methacrylonitrile	5.07	41	137939	52.980	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231603	50.310	ug/l	98
43) Isopropyl Acetate	6.48	43	374999	53.218	ug/l	98
44) Trichloroethene	7.21	130	205213	51.943	ug/l	98
45) 1,2-Dichloropropane	7.52	63	180530	57.800	ug/l	98
46) Dibromomethane	7.67	93	115311	52.577	ug/l	97
47) Bromodichloromethane	7.90	83	228380	56.116	ug/l	97
48) Methyl methacrylate	7.79	41	205108	55.299	ug/l	95
49) 1,4-Dioxane	7.77	88	94454	1322.617	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1331357	298.135	ug/l	97
52) Toluene	8.79	92	460331	56.282	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	275966	57.632	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	246561	58.415	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	185925	59.469	ug/l	98
56) Ethyl methacrylate	9.19	69	275240	62.081	ug/l	97
57) 1,3-Dichloropropane	9.38	76	271274	51.826	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	584029	256.081	ug/l	99
59) 2-Hexanone	9.51	43	906331	283.521	ug/l	99
60) Dibromochloromethane	9.59	129	171253	53.491	ug/l	100
61) 1,2-Dibromoethane	9.68	107	161185	49.247	ug/l	100
64) Tetrachloroethene	9.34	164	205008	53.371	ug/l	96
65) Chlorobenzene	10.14	112	437544	53.909	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	170424	59.450	ug/l	99
67) Ethyl Benzene	10.26	91	725736	55.950	ug/l	100
68) m/p-Xylenes	10.37	106	583788	114.069	ug/l	99
69) o-Xylene	10.70	106	286591	58.474	ug/l	100
70) Styrene	10.72	104	484730	59.965	ug/l	100
71) Bromoform	10.87	173	154403	57.412	ug/l	99
73) Isopropylbenzene	11.02	105	783883	54.970	ug/l	99
74) N-amyl acetate	6.48	43	374999	54.853	ug/l	# 97
75) 1,1,2,2-Tetrachloroethane	11.27	83	254876	59.584	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	233221m	56.642	ug/l	
77) Bromobenzene	11.26	156	225032	53.704	ug/l	98
78) n-propylbenzene	11.37	91	872403	54.303	ug/l	100
79) 2-Chlorotoluene	11.43	91	525433	54.686	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	680663	58.184	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74106	53.394	ug/l	96
82) 4-Chlorotoluene	11.52	91	616224	54.441	ug/l	100
83) tert-Butylbenzene	11.77	119	720859	61.920	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	718021	59.270	ug/l	100
85) sec-Butylbenzene	11.95	105	837436	58.273	ug/l	100
86) p-Isopropyltoluene	12.07	119	787036	59.186	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	428044	55.238	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	429259	53.572	ug/l	99
89) n-Butylbenzene	12.40	91	628998	54.690	ug/l	99
90) Hexachloroethane	12.60	117	131710	63.776	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	444656	57.591	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55044	60.290	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	337975	54.916	ug/l	100
94) Hexachlorobutadiene	13.79	225	192938	58.393	ug/l	99
95) Naphthalene	13.84	128	917286	57.341	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	349117	56.334	ug/l	100

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

