

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000056.D
 Acq On : 09 Feb 2018 22:05
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ClientSampled :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 2/14/2018 5:29:56 PM

Quant Time: Feb 10 00:38:18 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	134688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	213568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	203470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	117657	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	64321	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	5.51	113	58255	46.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.44%	
50) Toluene-d8	8.73	98	211048	45.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.96%	
62) 4-Bromofluorobenzene	11.15	95	87270	46.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.48%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	59097	48.42	ug/l	98
3) Chloromethane	1.32	50	60853	48.97	ug/l	98
4) Vinyl Chloride	1.41	62	70161	50.09	ug/l	100
5) Bromomethane	1.64	94	48173	64.39	ug/l	98
6) Chloroethane	1.72	64	43869	52.10	ug/l	99
7) Trichlorofluoromethane	1.93	101	120767	49.48	ug/l	98
8) Diethyl Ether	2.20	74	43176	48.87	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	67585	49.02	ug/l	99
10) Methyl Iodide	2.52	142	78185	46.81	ug/l	100
11) Tert butyl alcohol	3.09	59	152557	270.92	ug/l	100
12) 1,1-Dichloroethene	2.38	96	63244	48.40	ug/l	99
13) Acrolein	2.30	56	69978	242.11	ug/l	98
14) Allyl chloride	2.73	41	109769	48.21	ug/l	98
15) Acrylonitrile	3.16	53	254563	259.47	ug/l	100
16) Acetone	2.45	43	226419	271.77	ug/l	98
17) Carbon Disulfide	2.57	76	186265	48.92	ug/l	99
18) Methyl Acetate	2.79	43	114091	54.31	ug/l	99
19) Methyl tert-butyl Ether	3.22	73	221327	49.49	ug/l	100
20) Methylene Chloride	2.86	84	68456	49.07	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	68681	48.83	ug/l	98
22) Diisopropyl ether	3.89	45	182558	48.55	ug/l	98
23) Vinyl Acetate	3.84	43	849104	249.81	ug/l	99
24) 1,1-Dichloroethane	3.71	63	112938	48.32	ug/l	98
25) 2-Butanone	4.73	43	344361	273.86	ug/l	98
26) 2,2-Dichloropropane	4.60	77	93757	46.81	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	69102	50.13	ug/l	99
28) Bromochloromethane	5.03	49	37005	47.75	ug/l	98
29) Tetrahydrofuran	5.19	42	232163	269.44	ug/l	99
30) Chloroform	5.23	83	119515	50.73	ug/l	100
31) Cyclohexane	5.59	56	94876	49.41	ug/l	97
32) 1,1,1-Trichloroethane	5.51	97	112533	50.75	ug/l	100
36) 1,1-Dichloropropene	5.81	75	89929	48.36	ug/l	99
37) Ethyl Acetate	4.88	43	120719	50.28	ug/l	99
38) Carbon Tetrachloride	5.79	117	104233	49.92	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	109651	48.57	ug/l	98
40) Benzene	6.15	78	259064	49.29	ug/l	98
41) Methacrylonitrile	5.08	41	61729	50.05	ug/l	99
42) 1,2-Dichloroethane	6.21	62	93600	49.86	ug/l	100
43) Isopropyl Acetate	6.48	43	177977	49.16	ug/l	99
44) Trichloroethene	7.23	130	79955	49.17	ug/l	99
45) 1,2-Dichloropropane	7.53	63	64303	50.32	ug/l	100
46) Dibromomethane	7.67	93	49302	49.99	ug/l	99
47) Bromodichloromethane	7.91	83	95275	49.68	ug/l	99
48) Methyl methacrylate	7.79	41	86955	48.93	ug/l	99
49) 1,4-Dioxane	7.78	88	47928	1012.51	ug/l	98
51) 4-Methyl-2-Pentanone	8.67	43	663357	262.95	ug/l	99
52) Toluene	8.79	92	176578	50.02	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	111631	49.76	ug/l	99
54) cis-1,3-Dichloropropene	9.06	75	111431	51.11	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	73542	49.68	ug/l	98
56) Ethyl methacrylate	9.20	69	116091	51.12	ug/l	100
57) 1,3-Dichloropropane	9.38	76	115992	50.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	283871	253.07	ug/l	100
59) 2-Hexanone	9.51	43	555228	270.61	ug/l	100
60) Dibromochloromethane	9.59	129	87819	51.58	ug/l	99
61) 1,2-Dibromoethane	9.68	107	83232	51.04	ug/l	99
64) Tetrachloroethene	9.35	164	78275	51.68	ug/l	97
65) Chlorobenzene	10.15	112	208845	49.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	77211	50.78	ug/l	99
67) Ethyl Benzene	10.26	91	348535	49.72	ug/l	99
68) m/p-Xylenes	10.37	106	280424	100.44	ug/l	99
69) o-Xylene	10.71	106	135036	50.11	ug/l	99
70) Styrene	10.72	104	225976	49.64	ug/l	99
71) Bromoform	10.87	173	74552	51.82	ug/l	97
73) Isopropylbenzene	11.03	105	360495	48.29	ug/l	99
74) N-amyl acetate	6.48	43	177977	47.64	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.28	83	124307	48.94	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	112900m	50.95	ug/l	
77) Bromobenzene	11.26	156	99854	49.30	ug/l	100
78) n-propylbenzene	11.37	91	420461	48.57	ug/l	100
79) 2-Chlorotoluene	11.43	91	243333	48.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	302713	48.40	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	44084	49.23	ug/l	93
82) 4-Chlorotoluene	11.52	91	289122	48.34	ug/l	100
83) tert-Butylbenzene	11.78	119	307458	48.65	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	315585	49.30	ug/l	99
85) sec-Butylbenzene	11.96	105	378002	48.61	ug/l	100
86) p-Isopropyltoluene	12.07	119	339122	48.50	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	183494	48.08	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	188806	48.34	ug/l	99
89) n-Butylbenzene	12.40	91	310155	47.48	ug/l	100
90) Hexachloroethane	12.60	117	59021	48.27	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	181045	48.48	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	35222	48.44	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	135716	47.51	ug/l	100
94) Hexachlorobutadiene	13.79	225	64004	47.50	ug/l	99
95) Naphthalene	13.85	128	455077	49.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	133859	48.17	ug/l	100

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

