

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051818\
 Data File : VX001845.D
 Acq On : 19 May 2018 00:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/21/2018 2:40:38 PM

Quant Time: May 19 05:25:00 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	5.67	168	277582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	365017	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	186580	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	174712	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	5.51	113	156539	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
50) Toluene-d8	8.72	98	584311	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	11.14	95	175555	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	128939	46.29	ug/l	98
3) Chloromethane	1.32	50	155012	51.51	ug/l	99
4) Vinyl Chloride	1.40	62	162633	49.99	ug/l	99
5) Bromomethane	1.64	94	64480	46.90	ug/l	98
6) Chloroethane	1.72	64	106031	51.74	ug/l	98
7) Trichlorofluoromethane	1.92	101	229115	48.47	ug/l	100
8) Diethyl Ether	2.19	74	98721	50.73	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139116	48.88	ug/l	99
10) Methyl Iodide	2.51	142	188311	71.92	ug/l	98
11) Tert butyl alcohol	3.09	59	182223	275.86	ug/l	100
12) 1,1-Dichloroethene	2.37	96	130957	47.73	ug/l	98
13) Acrolein	2.30	56	91651	195.63	ug/l	97
14) Allyl chloride	2.73	41	257186	50.71	ug/l	95
15) Acrylonitrile	3.15	53	441434	266.06	ug/l	99
16) Acetone	2.45	43	368607	252.24	ug/l	98
17) Carbon Disulfide	2.57	76	307395	42.95	ug/l	99
18) Methyl Acetate	2.78	43	246521	57.70	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	473887	51.25	ug/l	98
20) Methylene Chloride	2.86	84	155788	49.80	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	142784	47.24	ug/l	98
22) Diisopropyl ether	3.88	45	519288	53.38	ug/l	99
23) Vinyl Acetate	3.83	43	1710282	244.00	ug/l	100
24) 1,1-Dichloroethane	3.70	63	271958	50.97	ug/l	100
25) 2-Butanone	4.71	43	630741	281.92	ug/l	98
26) 2,2-Dichloropropane	4.59	77	167510	39.00	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	177445	51.59	ug/l	98
28) Bromochloromethane	5.03	49	142531	60.14	ug/l	98
29) Tetrahydrofuran	5.17	42	410646	281.58	ug/l	99
30) Chloroform	5.22	83	292035	52.11	ug/l	100
31) Cyclohexane	5.57	56	243706	52.11	ug/l	100
32) 1,1,1-Trichloroethane	5.50	97	250886	51.81	ug/l	99
36) 1,1-Dichloropropene	5.80	75	205504	48.91	ug/l	99
37) Ethyl Acetate	4.87	43	236573	54.02	ug/l	99
38) Carbon Tetrachloride	5.79	117	222575	50.56	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	249009	50.72	ug/l	98
40) Benzene	6.15	78	658550	53.19	ug/l	99
41) Methacrylonitrile	5.07	41	136852	54.04	ug/l	98
42) 1,2-Dichloroethane	6.20	62	218968	48.90	ug/l	98
43) Isopropyl Acetate	6.48	43	362292	52.86	ug/l	99
44) Trichloroethene	7.22	130	198169	51.57	ug/l	97
45) 1,2-Dichloropropane	7.52	63	167630	55.18	ug/l	98
46) Dibromomethane	7.67	93	110207	51.66	ug/l	98
47) Bromodichloromethane	7.90	83	214184	54.11	ug/l	98
48) Methyl methacrylate	7.79	41	195845	54.29	ug/l	96
49) 1,4-Dioxane	7.76	88	88442	1273.28	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1253702	288.65	ug/l	98
52) Toluene	8.79	92	428992	53.93	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	246311	52.89	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	219030	53.35	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	146091	48.04	ug/l	98
56) Ethyl methacrylate	9.19	69	209075	48.48	ug/l	98
57) 1,3-Dichloropropane	9.38	76	241203	47.38	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	619461	279.26	ug/l	99
59) 2-Hexanone	9.51	43	791745	254.65	ug/l	99
60) Dibromochloromethane	9.59	129	159509	51.23	ug/l	99
61) 1,2-Dibromoethane	9.68	107	153523	48.23	ug/l	99
64) Tetrachloroethene	9.34	164	192344	51.75	ug/l	97
65) Chlorobenzene	10.14	112	403766	51.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	155141	55.93	ug/l	99
67) Ethyl Benzene	10.26	91	664104	52.92	ug/l	99
68) m/p-Xylenes	10.37	106	525251	106.07	ug/l	99
69) o-Xylene	10.71	106	258225	54.45	ug/l	99
70) Styrene	10.72	104	432449	55.29	ug/l	99
71) Bromoform	10.87	173	130354	50.47	ug/l #	100
73) Isopropylbenzene	11.02	105	693168	56.41	ug/l	100
74) N-amyl acetate	6.48	43	362292	61.50	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	204853	55.58	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	196559m	55.40	ug/l	
77) Bromobenzene	11.26	156	198575	55.00	ug/l	98
78) n-propylbenzene	11.37	91	759043	54.83	ug/l	99
79) 2-Chlorotoluene	11.43	91	452446	54.65	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	571995	56.74	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	53897	45.58	ug/l	99
82) 4-Chlorotoluene	11.52	91	521423	53.46	ug/l	100
83) tert-Butylbenzene	11.77	119	568178	56.64	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	592582	56.77	ug/l	100
85) sec-Butylbenzene	11.95	105	691342	55.83	ug/l	100
86) p-Isopropyltoluene	12.07	119	631769	55.14	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	350638	52.51	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	349390	50.60	ug/l	99
89) n-Butylbenzene	12.39	91	494352	49.88	ug/l	100
90) Hexachloroethane	12.60	117	102879	57.81	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	360610	54.20	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	47295	60.12	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	268470	50.62	ug/l	99
94) Hexachlorobutadiene	13.79	225	145664	51.16	ug/l	100
95) Naphthalene	13.84	128	773342	56.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281085	52.64	ug/l	99

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

