

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001273.D
 Acq On : 01 May 2018 12:21
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:52 PM

Quant Time: May 02 01:34:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:17:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	199700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	262564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	252304	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178412	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	132207	43.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.52%	
35) Dibromofluoromethane	5.51	113	109902	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
50) Toluene-d8	8.72	98	414335	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	11.14	95	160729	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114699	53.24	ug/l	100
3) Chloromethane	1.32	50	102024	46.44	ug/l	100
4) Vinyl Chloride	1.40	62	112388	48.14	ug/l	100
5) Bromomethane	1.64	94	89402	54.14	ug/l	100
6) Chloroethane	1.72	64	69287	47.49	ug/l	100
7) Trichlorofluoromethane	1.93	101	189351	49.75	ug/l	100
8) Diethyl Ether	2.19	74	64861	45.38	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	106364	50.51	ug/l	100
10) Methyl Iodide	2.51	142	115696	59.20	ug/l	100
11) Tert butyl alcohol	3.07	59	119194	204.39	ug/l	100
12) 1,1-Dichloroethene	2.37	96	96378	47.60	ug/l	100
13) Acrolein	2.29	56	66165	276.15	ug/l	100
14) Allyl chloride	2.73	41	173310	47.52	ug/l	100
15) Acrylonitrile	3.15	53	267710	210.15	ug/l	100
16) Acetone	2.45	43	287006	226.93	ug/l	100
17) Carbon Disulfide	2.57	76	245854	47.70	ug/l	100
18) Methyl Acetate	2.78	43	138831	44.43	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	333419	45.39	ug/l	100
20) Methylene Chloride	2.86	84	107677	45.54	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	103234	46.37	ug/l	100
22) Diisopropyl ether	3.88	45	326866	45.03	ug/l	100
23) Vinyl Acetate	3.83	43	1413875	230.51	ug/l	100
24) 1,1-Dichloroethane	3.70	63	180675	46.81	ug/l	100
25) 2-Butanone	4.71	43	391190	210.32	ug/l	100
26) 2,2-Dichloropropane	4.59	77	149403	48.89	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	113259	46.73	ug/l	100
28) Bromochloromethane	5.03	49	88132	50.85	ug/l	100
29) Tetrahydrofuran	5.17	42	240514	202.30	ug/l	100
30) Chloroform	5.22	83	192254	47.06	ug/l	100
31) Cyclohexane	5.58	56	161991	48.90	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	172991	48.85	ug/l	100
36) 1,1-Dichloropropene	5.81	75	142929	48.94	ug/l	100
37) Ethyl Acetate	4.87	43	147949	43.45	ug/l	100
38) Carbon Tetrachloride	5.79	117	156007	51.88	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	173125	52.85	ug/l	100
40) Benzene	6.15	78	422622	50.25	ug/l	100
41) Methacrylonitrile	5.07	41	83592	43.71	ug/l	100
42) 1,2-Dichloroethane	6.20	62	159698	47.60	ug/l	100
43) Isopropyl Acetate	6.48	43	249497	46.43	ug/l	100
44) Trichloroethene	7.22	130	126656	50.32	ug/l	100
45) 1,2-Dichloropropane	7.52	63	108676	49.35	ug/l	100
46) Dibromomethane	7.67	93	75505	49.55	ug/l	100
47) Bromodichloromethane	7.90	83	141891	51.19	ug/l	100
48) Methyl methacrylate	7.79	41	130658	45.81	ug/l	100
49) 1,4-Dioxane	7.76	88	50214	889.62	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	812465	230.76	ug/l	100
52) Toluene	8.79	92	278901	50.63	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	169217	52.58	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	160489	53.16	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	113359	48.92	ug/l	100
56) Ethyl methacrylate	9.19	69	164604	48.47	ug/l	100
57) 1,3-Dichloropropane	9.38	76	182466	48.78	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	397099	245.65	ug/l	100
59) 2-Hexanone	9.51	43	642449	232.43	ug/l	100
60) Dibromochloromethane	9.59	129	124706	53.28	ug/l	100
61) 1,2-Dibromoethane	9.68	107	121865	50.32	ug/l	100
64) Tetrachloroethene	9.34	164	144415	52.41	ug/l	100
65) Chlorobenzene	10.15	112	328818	49.52	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	121290	52.80	ug/l	100
67) Ethyl Benzene	10.26	91	554630	51.13	ug/l	100
68) m/p-Xylenes	10.37	106	441315	102.88	ug/l	100
69) o-Xylene	10.70	106	211513	51.05	ug/l	100
70) Styrene	10.72	104	350405	50.90	ug/l	100
71) Bromoform	10.86	173	104435	52.38	ug/l	100
73) Isopropylbenzene	11.02	105	573991	49.10	ug/l	100
74) N-amyl acetate	6.48	43	249497	43.37	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	172311	45.17	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	161984m	45.28	ug/l	
77) Bromobenzene	11.26	156	165727	47.97	ug/l	100
78) n-propylbenzene	11.37	91	649108	49.83	ug/l	100
79) 2-Chlorotoluene	11.43	91	386774	48.03	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	499309	50.39	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	45477	50.47	ug/l	100
82) 4-Chlorotoluene	11.52	91	467828	48.80	ug/l	100
83) tert-Butylbenzene	11.77	119	498305	50.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	511638	50.36	ug/l	100
85) sec-Butylbenzene	11.95	105	595063	51.26	ug/l	100
86) p-Isopropyltoluene	12.07	119	549038	50.97	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	300066	48.33	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	310437	47.95	ug/l	100
89) n-Butylbenzene	12.40	91	477101	51.10	ug/l	100
90) Hexachloroethane	12.60	117	82172	53.71	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	303697	48.42	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38321	46.00	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	239707	48.60	ug/l	100
94) Hexachlorobutadiene	13.79	225	124242	52.60	ug/l	100
95) Naphthalene	13.84	128	647695	47.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	238804	48.75	ug/l	100

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

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