

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001353.D
 Acq On : 03 May 2018 12:12
 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
 5/5/2018 11:28:29 PM

Quant Time: May 04 07:23:19 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	201453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	250081	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	245608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	180281	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	125417	44.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.94%	
35) Dibromofluoromethane	5.51	113	108136	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.72	98	406299	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	11.14	95	160872	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109701	49.23	ug/l	98
3) Chloromethane	1.32	50	95955	43.86	ug/l	98
4) Vinyl Chloride	1.40	62	103394	44.90	ug/l	100
5) Bromomethane	1.64	94	73677	42.67	ug/l	100
6) Chloroethane	1.71	64	69889	48.01	ug/l	98
7) Trichlorofluoromethane	1.92	101	190245	48.94	ug/l	100
8) Diethyl Ether	2.19	74	64292	48.17	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110067	49.11	ug/l	99
10) Methyl Iodide	2.51	142	156601	62.89	ug/l	99
11) Tert butyl alcohol	3.09	59	124505	259.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	93125	46.08	ug/l	99
13) Acrolein	2.29	56	65337	236.52	ug/l	98
14) Allyl chloride	2.73	41	169125	47.84	ug/l	99
15) Acrylonitrile	3.15	53	277109	249.20	ug/l	100
16) Acetone	2.45	43	281933	236.85	ug/l	99
17) Carbon Disulfide	2.57	76	219513	41.70	ug/l	100
18) Methyl Acetate	2.78	43	149586	53.21	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	329137	47.82	ug/l	100
20) Methylene Chloride	2.86	84	103108	47.94	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	99797	45.37	ug/l	97
22) Diisopropyl ether	3.88	45	319154	46.87	ug/l	98
23) Vinyl Acetate	3.83	43	1431309	248.06	ug/l	100
24) 1,1-Dichloroethane	3.70	63	184769	48.71	ug/l	99
25) 2-Butanone	4.72	43	373404	232.00	ug/l	98
26) 2,2-Dichloropropane	4.59	77	137988	44.71	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	105841	43.78	ug/l	100
28) Bromochloromethane	5.03	49	90781	53.24	ug/l	97
29) Tetrahydrofuran	5.18	42	235339	237.75	ug/l	98
30) Chloroform	5.22	83	181634	45.30	ug/l	100
31) Cyclohexane	5.58	56	148170	43.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	159114	45.41	ug/l	99
36) 1,1-Dichloropropene	5.80	75	132643	45.96	ug/l	99
37) Ethyl Acetate	4.88	43	141131	48.43	ug/l	99
38) Carbon Tetrachloride	5.79	117	148863	49.23	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	166051	48.64	ug/l	97
40) Benzene	6.15	78	389826	46.95	ug/l	99
41) Methacrylonitrile	5.07	41	79739	46.98	ug/l	99
42) 1,2-Dichloroethane	6.20	62	149064	46.37	ug/l	99
43) Isopropyl Acetate	6.48	43	232075	49.18	ug/l	99
44) Trichloroethene	7.22	130	122315	48.13	ug/l	98
45) 1,2-Dichloropropane	7.52	63	99957	46.88	ug/l	97
46) Dibromomethane	7.67	93	71117	47.58	ug/l	99
47) Bromodichloromethane	7.90	83	132533	49.60	ug/l	98
48) Methyl methacrylate	7.79	41	122529	48.85	ug/l	98
49) 1,4-Dioxane	7.76	88	52108	1100.86	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	796097	261.71	ug/l	99
52) Toluene	8.79	92	262977	48.45	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	156675	49.30	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	147539	50.46	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	107766	49.15	ug/l	97
56) Ethyl methacrylate	9.19	69	159581	52.53	ug/l	98
57) 1,3-Dichloropropane	9.38	76	173146	49.10	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	417048	284.55	ug/l	99
59) 2-Hexanone	9.51	43	628026	264.15	ug/l	100
60) Dibromochloromethane	9.59	129	119591	52.29	ug/l	99
61) 1,2-Dibromoethane	9.68	107	117672	50.64	ug/l	100
64) Tetrachloroethene	9.34	164	156948	53.94	ug/l	99
65) Chlorobenzene	10.14	112	311720	46.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	116437	50.22	ug/l	99
67) Ethyl Benzene	10.26	91	522325	47.45	ug/l	99
68) m/p-Xylenes	10.37	106	421700	97.36	ug/l	99
69) o-Xylene	10.70	106	202204	48.14	ug/l	99
70) Styrene	10.72	104	337580	49.14	ug/l	99
71) Bromoform	10.87	173	99587	44.90	ug/l	100
73) Isopropylbenzene	11.02	105	558175	46.28	ug/l	100
74) N-amyl acetate	6.48	43	232075	44.85	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162287	44.91	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	160332m	48.09	ug/l	
77) Bromobenzene	11.26	156	158682	45.62	ug/l	99
78) n-propylbenzene	11.37	91	634247	47.32	ug/l	100
79) 2-Chlorotoluene	11.43	91	373932	46.24	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	485972	47.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	44453	43.95	ug/l	95
82) 4-Chlorotoluene	11.52	91	448312	46.09	ug/l	99
83) tert-Butylbenzene	11.77	119	463322	45.87	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	500026	48.18	ug/l	100
85) sec-Butylbenzene	11.95	105	588936	48.74	ug/l	100
86) p-Isopropyltoluene	12.07	119	549358	49.56	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	296730	45.68	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	303208	45.28	ug/l	100
89) n-Butylbenzene	12.40	91	472081	48.79	ug/l	100
90) Hexachloroethane	12.60	117	80239	49.99	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	301069	46.58	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38223	52.34	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	235769	45.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	131677	48.40	ug/l	99
95) Naphthalene	13.84	128	636002	48.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	236719	46.37	ug/l	99

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

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