

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX032918\
 Data File : VX000555.D
 Acq On : 30 Mar 2018 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 30 11:11:32 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	118488	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	194980	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	214862	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	147622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76427	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	5.51	113	61076	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	8.73	98	248629	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
62) 4-Bromofluorobenzene	11.15	95	106667	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	52306	40.06	ug/l	97
3) Chloromethane	1.32	50	57432	41.75	ug/l	97
4) Vinyl Chloride	1.40	62	72941	50.18	ug/l	97
5) Bromomethane	1.64	94	131704	75.65	ug/l	100
6) Chloroethane	1.72	64	56114	62.73	ug/l	95
7) Trichlorofluoromethane	1.93	101	141870	54.07	ug/l	99
8) Diethyl Ether	2.20	74	51487	54.91	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	74030	50.60	ug/l	97
10) Methyl Iodide	2.52	142	39618	29.27	ug/l	98
11) Tert butyl alcohol	3.09	59	149834	281.63	ug/l	100
12) 1,1-Dichloroethene	2.37	96	68263	53.15	ug/l	94
13) Acrolein	2.30	56	37718	223.67	ug/l	96
14) Allyl chloride	2.73	41	123426	54.42	ug/l	99
15) Acrylonitrile	3.16	53	300868	279.22	ug/l	99
16) Acetone	2.45	43	274696	213.50	ug/l	97
17) Carbon Disulfide	2.57	76	166003	48.59	ug/l	98
18) Methyl Acetate	2.79	43	156849	58.15	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	274167	57.72	ug/l	99
20) Methylene Chloride	2.86	84	77581	52.20	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	78166	54.56	ug/l	98
22) Diisopropyl ether	3.89	45	185246	46.14	ug/l	92
23) Vinyl Acetate	3.84	43	845457	222.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	108604	43.03	ug/l	99
25) 2-Butanone	4.72	43	328092	226.86	ug/l	99
26) 2,2-Dichloropropane	4.60	77	61909	34.99	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	64938	48.50	ug/l	96
28) Bromochloromethane	5.03	49	45037	43.27	ug/l	100
29) Tetrahydrofuran	5.18	42	222347	249.88	ug/l	99
30) Chloroform	5.23	83	123485	52.20	ug/l	97
31) Cyclohexane	5.58	56	92306	47.30	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	108411	50.80	ug/l	98
36) 1,1-Dichloropropene	5.81	75	87008	47.64	ug/l	99
37) Ethyl Acetate	4.88	43	118944	47.68	ug/l	99
38) Carbon Tetrachloride	5.79	117	94782	49.47	ug/l	95

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39) Methylcyclohexane	7.47	83	99626	44.85	ug/l	96
40) Benzene	6.15	78	267553	50.44	ug/l	100
41) Methacrylonitrile	5.08	41	62735	47.70	ug/l	97
42) 1,2-Dichloroethane	6.21	62	104924	50.42	ug/l	99
43) Isopropyl Acetate	6.48	43	188515	50.76	ug/l	99
44) Trichloroethene	7.23	130	73658	48.48	ug/l	98
45) 1,2-Dichloropropane	7.52	63	68327	50.33	ug/l	98
46) Dibromomethane	7.67	93	53399	50.11	ug/l	98
47) Bromodichloromethane	7.91	83	99961	53.31	ug/l	100
48) Methyl methacrylate	7.79	41	93663	51.95	ug/l	99
49) 1,4-Dioxane	7.77	88	42113	1111.25	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	779550	271.20	ug/l	100
52) Toluene	8.79	92	195688	52.78	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	107234	49.36	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	108367	51.42	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	81787	53.64	ug/l	94
56) Ethyl methacrylate	9.19	69	124601	53.93	ug/l	98
57) 1,3-Dichloropropane	9.38	76	129687	53.18	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	222673	200.80	ug/l	98
59) 2-Hexanone	9.51	43	655904	268.73	ug/l	100
60) Dibromochloromethane	9.59	129	88171	48.96	ug/l	97
61) 1,2-Dibromoethane	9.68	107	89800	54.92	ug/l	98
64) Tetrachloroethene	9.34	164	78303	46.96	ug/l	97
65) Chlorobenzene	10.15	112	232355	48.59	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	82728	50.94	ug/l	98
67) Ethyl Benzene	10.26	91	401424	49.52	ug/l	100
68) m/p-Xylenes	10.37	106	326187	102.27	ug/l	99
69) o-Xylene	10.71	106	158822	51.43	ug/l	99
70) Styrene	10.72	104	275076	53.83	ug/l	98
71) Bromoform	10.87	173	73097	43.85	ug/l #	97
73) Isopropylbenzene	11.02	105	436846	44.66	ug/l	99
74) N-amyl acetate	6.48	43	188515	43.81	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	162154	46.87	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	177363	55.91	ug/l	84
77) Bromobenzene	11.26	156	110140	42.27	ug/l	98
78) n-propylbenzene	11.37	91	516953	44.33	ug/l	100
79) 2-Chlorotoluene	11.43	91	296993	44.08	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	388803	47.28	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	38093	38.87	ug/l	98
82) 4-Chlorotoluene	11.52	91	375066	46.62	ug/l	98
83) tert-Butylbenzene	11.78	119	381872	46.04	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	398139	46.17	ug/l	98
85) sec-Butylbenzene	11.96	105	480203	46.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	436419	47.88	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	216909	44.03	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	241983	46.78	ug/l	98
89) n-Butylbenzene	12.40	91	397315	46.82	ug/l	100
90) Hexachloroethane	12.60	117	69298	48.30	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	231707	47.97	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	42819	44.38	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	155754	44.98	ug/l	98
94) Hexachlorobutadiene	13.79	225	64363	44.89	ug/l	97
95) Naphthalene	13.84	128	579141	48.01	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	159883	46.73	ug/l	99

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

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