

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000721.D
 Acq On : 08 Apr 2018 10:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:08 PM

Quant Time: Apr 09 06:56:40 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	327123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	444409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	416535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	251191	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170917	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
35) Dibromofluoromethane	5.51	113	143701	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	
50) Toluene-d8	8.72	98	522994	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.14	95	216390	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	141564	48.05	ug/l	100
3) Chloromethane	1.32	50	113807	48.54	ug/l	97
4) Vinyl Chloride	1.40	62	121512	45.64	ug/l	98
5) Bromomethane	1.64	94	75487	57.03	ug/l	97
6) Chloroethane	1.73	64	74747	45.76	ug/l	100
7) Trichlorofluoromethane	1.93	101	200690	46.03	ug/l	100
8) Diethyl Ether	2.19	74	77088	51.30	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	124198	48.64	ug/l	98
10) Methyl Iodide	2.51	142	136718	49.75	ug/l	98
11) Tert butyl alcohol	3.07	59	144401	226.84	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106677	46.53	ug/l	98
13) Acrolein	2.29	56	60973	218.85	ug/l	99
14) Allyl chloride	2.73	41	210464	45.41	ug/l	99
15) Acrylonitrile	3.15	53	311102	233.18	ug/l	99
16) Acetone	2.45	43	274770	234.16	ug/l	99
17) Carbon Disulfide	2.57	76	253939	49.73	ug/l	99
18) Methyl Acetate	2.78	43	166363	47.75	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	414148	48.59	ug/l	99
20) Methylene Chloride	2.86	84	122261	48.52	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	116031	47.34	ug/l	95
22) Diisopropyl ether	3.87	45	412593	45.43	ug/l	98
23) Vinyl Acetate	3.83	43	1745601	226.97	ug/l	99
24) 1,1-Dichloroethane	3.70	63	219264	46.12	ug/l	97
25) 2-Butanone	4.71	43	462667	225.37	ug/l	97
26) 2,2-Dichloropropane	4.59	77	225802	46.67	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	146755	46.83	ug/l	98
28) Bromochloromethane	5.03	49	103335	55.33	ug/l	98
29) Tetrahydrofuran	5.17	42	289766	221.80	ug/l	99
30) Chloroform	5.22	83	244751	47.36	ug/l	99
31) Cyclohexane	5.58	56	188314	49.98	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	228927	46.48	ug/l	99
36) 1,1-Dichloropropene	5.81	75	176112	46.27	ug/l	99
37) Ethyl Acetate	4.86	43	182277	44.37	ug/l	99
38) Carbon Tetrachloride	5.79	117	212488	47.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	207389	51.55	ug/l	99
40) Benzene	6.15	78	510655	47.70	ug/l	99
41) Methacrylonitrile	5.07	41	109344	45.94	ug/l	99
42) 1,2-Dichloroethane	6.20	62	199661	47.28	ug/l	98
43) Isopropyl Acetate	6.47	43	326416	45.62	ug/l	99
44) Trichloroethene	7.22	130	158438	48.70	ug/l	100
45) 1,2-Dichloropropane	7.53	63	138400	48.21	ug/l	98
46) Dibromomethane	7.67	93	94289	47.32	ug/l	97
47) Bromodichloromethane	7.90	83	200983	48.75	ug/l	99
48) Methyl methacrylate	7.78	41	168675	46.86	ug/l	99
49) 1,4-Dioxane	7.76	88	65676	919.29	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	956215	230.68	ug/l	99
52) Toluene	8.79	92	343251	48.09	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239814	48.89	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	239721	49.21	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	141558	48.76	ug/l	98
56) Ethyl methacrylate	9.19	69	224454	48.48	ug/l	99
57) 1,3-Dichloropropane	9.38	76	228264	48.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	544093	250.93	ug/l	100
59) 2-Hexanone	9.51	43	723759	228.77	ug/l	99
60) Dibromochloromethane	9.59	129	179125	49.46	ug/l	99
61) 1,2-Dibromoethane	9.68	107	148314	47.57	ug/l	100
64) Tetrachloroethene	9.34	164	157739	48.30	ug/l	99
65) Chlorobenzene	10.15	112	414110	48.30	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163038	48.70	ug/l	99
67) Ethyl Benzene	10.26	91	686032	47.70	ug/l	100
68) m/p-Xylenes	10.37	106	539911	95.96	ug/l	99
69) o-Xylene	10.71	106	265633	48.11	ug/l	98
70) Styrene	10.72	104	452043	48.46	ug/l	100
71) Bromoform	10.87	173	158339	49.96	ug/l #	99
73) Isopropylbenzene	11.02	105	722460	48.11	ug/l	100
74) N-amyl acetate	6.47	43	326416	44.66	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	208791	46.78	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	203552m	47.63	ug/l	
77) Bromobenzene	11.26	156	207581	48.74	ug/l	98
78) n-propylbenzene	11.37	91	822203	47.72	ug/l	100
79) 2-Chlorotoluene	11.43	91	487393	47.43	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	624180	47.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	75403	45.93	ug/l #	92
82) 4-Chlorotoluene	11.52	91	588427	47.79	ug/l	100
83) tert-Butylbenzene	11.77	119	646364	48.48	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	644637	47.87	ug/l	100
85) sec-Butylbenzene	11.95	105	753597	48.30	ug/l	100
86) p-Isopropyltoluene	12.07	119	709407	48.63	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	390947	48.99	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	397783	48.63	ug/l	99
89) n-Butylbenzene	12.40	91	630327	48.37	ug/l	100
90) Hexachloroethane	12.60	117	129126	48.75	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	378576	48.61	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51796	44.15	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	329564	49.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	165060	50.58	ug/l	99
95) Naphthalene	13.84	128	836157	48.18	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	318744	49.85	ug/l	99

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

