

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041218\
 Data File : VX000794.D
 Acq On : 12 Apr 2018 11:09
 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

apatel
 4/13/2018 2:57:40 PM

Quant Time: Apr 13 07:05:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	402792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	382701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	265266	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180109	45.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.80%	
35) Dibromofluoromethane	5.51	113	156231	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	8.72	98	572749	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.14	95	235364	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160836	45.79	ug/l	99
3) Chloromethane	1.32	50	121418	40.32	ug/l	100
4) Vinyl Chloride	1.41	62	149760	44.21	ug/l	98
5) Bromomethane	1.64	94	59052	41.89	ug/l	99
6) Chloroethane	1.73	64	88140	42.93	ug/l	100
7) Trichlorofluoromethane	1.93	101	233278	45.64	ug/l	98
8) Diethyl Ether	2.19	74	84031	44.01	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	140609	46.66	ug/l	99
10) Methyl Iodide	2.51	142	68229	32.53	ug/l	97
11) Tert butyl alcohol	3.07	59	147541	211.80	ug/l	99
12) 1,1-Dichloroethene	2.38	96	125873	44.07	ug/l	99
13) Acrolein	2.30	56	39627	117.14	ug/l	100
14) Allyl chloride	2.73	41	230707	43.69	ug/l	100
15) Acrylonitrile	3.15	53	328990	221.52	ug/l	100
16) Acetone	2.45	43	297549	219.91	ug/l	99
17) Carbon Disulfide	2.57	76	360511	41.69	ug/l	100
18) Methyl Acetate	2.78	43	158010	45.13	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	432747	45.49	ug/l	100
20) Methylene Chloride	2.86	84	134359	42.69	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	135760	43.11	ug/l	97
22) Diisopropyl ether	3.87	45	426143	43.91	ug/l	94
23) Vinyl Acetate	3.83	43	1864109	218.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	240396	44.14	ug/l	99
25) 2-Butanone	4.71	43	493507	220.87	ug/l	98
26) 2,2-Dichloropropane	4.59	77	240639	44.52	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	157959	44.20	ug/l	99
28) Bromochloromethane	5.03	49	104670	47.73	ug/l	99
29) Tetrahydrofuran	5.17	42	307392	216.67	ug/l	100
30) Chloroform	5.23	83	260667	45.21	ug/l	100
31) Cyclohexane	5.59	56	229852	44.44	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	245938	44.77	ug/l	100
36) 1,1-Dichloropropene	5.81	75	198021	44.64	ug/l	99
37) Ethyl Acetate	4.87	43	194994	45.03	ug/l	100
38) Carbon Tetrachloride	5.79	117	226556	45.63	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	250074	46.94	ug/l	100
40) Benzene	6.15	78	566378	45.95	ug/l	100
41) Methacrylonitrile	5.07	41	114300	45.69	ug/l	100
42) 1,2-Dichloroethane	6.20	62	211456	45.93	ug/l	99
43) Isopropyl Acetate	6.47	43	334471	45.05	ug/l	100
44) Trichloroethene	7.22	130	178882	46.66	ug/l	96
45) 1,2-Dichloropropane	7.52	63	146086	46.54	ug/l	96
46) Dibromomethane	7.67	93	100812	46.07	ug/l	99
47) Bromodichloromethane	7.90	83	205467	46.52	ug/l	98
48) Methyl methacrylate	7.78	41	175446	45.59	ug/l	99
49) 1,4-Dioxane	7.76	88	67585	873.87	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	993368	227.77	ug/l	100
52) Toluene	8.79	92	373950	45.73	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	250468	47.28	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	240211	46.57	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	149599	46.08	ug/l	99
56) Ethyl methacrylate	9.19	69	229909	45.91	ug/l	99
57) 1,3-Dichloropropane	9.38	76	242237	46.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	545726	233.24	ug/l	100
59) 2-Hexanone	9.51	43	772701	229.50	ug/l	100
60) Dibromochloromethane	9.59	129	181825	46.81	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159773	46.39	ug/l	99
64) Tetrachloroethene	9.34	164	176278	47.11	ug/l	99
65) Chlorobenzene	10.15	112	445875	46.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	168642	46.54	ug/l	100
67) Ethyl Benzene	10.26	91	745200	46.43	ug/l	100
68) m/p-Xylenes	10.37	106	589379	93.03	ug/l	100
69) o-Xylene	10.71	106	284383	46.57	ug/l	100
70) Styrene	10.72	104	480168	46.64	ug/l	100
71) Bromoform	10.87	173	157408	46.92	ug/l	99
73) Isopropylbenzene	11.02	105	777989	46.23	ug/l	100
74) N-amyl acetate	6.47	43	334471	44.14	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	218784	44.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	209741m	45.85	ug/l	
77) Bromobenzene	11.26	156	222604	45.14	ug/l	100
78) n-propylbenzene	11.37	91	888542	46.16	ug/l	100
79) 2-Chlorotoluene	11.43	91	514543	45.23	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	665360	45.97	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74218	44.63	ug/l	100
82) 4-Chlorotoluene	11.52	91	624292	45.46	ug/l	100
83) tert-Butylbenzene	11.77	119	684123	46.20	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	683984	45.78	ug/l	100
85) sec-Butylbenzene	11.95	105	806635	46.18	ug/l	100
86) p-Isopropyltoluene	12.07	119	754503	46.32	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	415830	45.55	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	423404	45.26	ug/l	100
89) n-Butylbenzene	12.40	91	673647	46.86	ug/l	100
90) Hexachloroethane	12.60	117	127562	46.28	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	404148	45.86	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52297	42.74	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	348463	46.34	ug/l	99
94) Hexachlorobutadiene	13.79	225	182336	49.31	ug/l	100
95) Naphthalene	13.84	128	888289	46.02	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	340547	46.63	ug/l	99

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

