

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001307.D
 Acq On : 02 May 2018 05:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:58 PM

Quant Time: May 02 06:58:39 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	182059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	234373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161027	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	119647	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
35) Dibromofluoromethane	5.51	113	103997	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	384150	53.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.50%	
62) 4-Bromofluorobenzene	11.14	95	147752	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	105112	52.19	ug/l	99
3) Chloromethane	1.32	50	98818	49.98	ug/l	100
4) Vinyl Chloride	1.40	62	105178	50.54	ug/l	100
5) Bromomethane	1.64	94	78569	50.65	ug/l	99
6) Chloroethane	1.72	64	68829	52.31	ug/l	100
7) Trichlorofluoromethane	1.93	101	186317	53.04	ug/l	97
8) Diethyl Ether	2.19	74	63664	52.79	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	101499	50.11	ug/l	100
10) Methyl Iodide	2.51	142	149056	66.01	ug/l	99
11) Tert butyl alcohol	3.09	59	126421	291.57	ug/l	100
12) 1,1-Dichloroethene	2.37	96	93333	51.11	ug/l	98
13) Acrolein	2.30	56	56385	225.86	ug/l	100
14) Allyl chloride	2.73	41	163852	51.28	ug/l	99
15) Acrylonitrile	3.15	53	267126	265.82	ug/l	100
16) Acetone	2.45	43	252161	234.41	ug/l	99
17) Carbon Disulfide	2.57	76	224733	47.23	ug/l	99
18) Methyl Acetate	2.78	43	148900	58.61	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	325841	52.38	ug/l	100
20) Methylene Chloride	2.86	84	105356	54.42	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	99331	49.97	ug/l	97
22) Diisopropyl ether	3.88	45	312476	50.78	ug/l	99
23) Vinyl Acetate	3.83	43	1311118	251.43	ug/l	100
24) 1,1-Dichloroethane	3.70	63	165470	48.27	ug/l	100
25) 2-Butanone	4.71	43	363732	250.07	ug/l	100
26) 2,2-Dichloropropane	4.59	77	97750	35.04	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	107919	49.40	ug/l	97
28) Bromochloromethane	5.03	49	83828	54.40	ug/l	98
29) Tetrahydrofuran	5.17	42	238690	266.82	ug/l	100
30) Chloroform	5.22	83	187393	51.72	ug/l	98
31) Cyclohexane	5.58	56	148579	47.99	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	162668	51.36	ug/l	99
36) 1,1-Dichloropropene	5.81	75	131316	48.55	ug/l	99
37) Ethyl Acetate	4.87	43	141366	51.76	ug/l	100
38) Carbon Tetrachloride	5.79	117	145699	51.41	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	154957	48.44	ug/l	98
40) Benzene	6.15	78	395343	50.81	ug/l	99
41) Methacrylonitrile	5.07	41	80963	50.89	ug/l	99
42) 1,2-Dichloroethane	6.20	62	150723	50.03	ug/l	99
43) Isopropyl Acetate	6.48	43	229918	51.99	ug/l	100
44) Trichloroethene	7.22	130	119936	50.35	ug/l	96
45) 1,2-Dichloropropane	7.52	63	101644	50.87	ug/l	99
46) Dibromomethane	7.67	93	71300	50.90	ug/l	99
47) Bromodichloromethane	7.91	83	132815	53.03	ug/l	97
48) Methyl methacrylate	7.79	41	122485	52.11	ug/l	99
49) 1,4-Dioxane	7.76	88	52436	1182.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	775001	271.85	ug/l	99
52) Toluene	8.79	92	260448	51.20	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	148842	49.97	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	139926	51.07	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	107234	52.19	ug/l	98
56) Ethyl methacrylate	9.19	69	155847	54.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	171487	51.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	372358	271.09	ug/l	100
59) 2-Hexanone	9.51	43	594619	266.86	ug/l	100
60) Dibromochloromethane	9.59	129	118894	55.47	ug/l	97
61) 1,2-Dibromoethane	9.68	107	116300	53.40	ug/l	99
64) Tetrachloroethene	9.34	164	144982	53.79	ug/l	99
65) Chlorobenzene	10.15	112	307724	49.73	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	114385	53.26	ug/l	99
67) Ethyl Benzene	10.26	91	512117	50.23	ug/l	99
68) m/p-Xylenes	10.37	106	412538	102.83	ug/l	100
69) o-Xylene	10.71	106	201001	51.66	ug/l	98
70) Styrene	10.72	104	330583	51.95	ug/l	99
71) Bromoform	10.86	173	97625	47.29	ug/l #	100
73) Isopropylbenzene	11.02	105	536159	49.77	ug/l	100
74) N-amyl acetate	6.48	43	229918	49.75	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	163999	50.81	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	153985m	51.71	ug/l	
77) Bromobenzene	11.26	156	154937	49.87	ug/l	99
78) n-propylbenzene	11.37	91	600889	50.19	ug/l	99
79) 2-Chlorotoluene	11.43	91	357941	49.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	464932	51.39	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	36974	41.22	ug/l	96
82) 4-Chlorotoluene	11.52	91	430753	49.58	ug/l	100
83) tert-Butylbenzene	11.77	119	447784	49.64	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	477441	51.50	ug/l	99
85) sec-Butylbenzene	11.95	105	547360	50.71	ug/l	100
86) p-Isopropyltoluene	12.07	119	508184	51.33	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	282002	48.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	288165	48.18	ug/l	100
89) n-Butylbenzene	12.40	91	419869	48.59	ug/l	99
90) Hexachloroethane	12.60	117	75298	52.52	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	289126	50.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	36824	56.46	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	214626	46.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	110533	45.48	ug/l	100
95) Naphthalene	13.84	128	603594	51.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	219501	48.14	ug/l	99

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

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