

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050918\
 Data File : VX001554.D
 Acq On : 09 May 2018 13:38
 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

MMDadoda
 5/10/2018 1:51:58 PM

Quant Time: May 10 04:38:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	285686	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	208343	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	162254	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	5.51	113	132221	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
50) Toluene-d8	8.72	98	483932	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.14	95	183311	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	161558	51.25	ug/l	100
3) Chloromethane	1.32	50	149053	48.55	ug/l	98
4) Vinyl Chloride	1.40	62	158350	49.42	ug/l	100
5) Bromomethane	1.64	94	76247	52.13	ug/l	98
6) Chloroethane	1.72	64	104868	49.51	ug/l	100
7) Trichlorofluoromethane	1.93	101	250826	52.01	ug/l	100
8) Diethyl Ether	2.19	74	94993	50.26	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	145594	51.50	ug/l	99
10) Methyl Iodide	2.51	142	209321	51.31	ug/l	99
11) Tert butyl alcohol	3.08	59	182313	256.89	ug/l	100
12) 1,1-Dichloroethene	2.37	96	131178	50.62	ug/l	99
13) Acrolein	2.29	56	31091	220.87	ug/l	97
14) Allyl chloride	2.73	41	252141	52.18	ug/l	99
15) Acrylonitrile	3.15	53	409646	255.44	ug/l	100
16) Acetone	2.45	43	406262	265.80	ug/l	100
17) Carbon Disulfide	2.57	76	319332	48.42	ug/l	100
18) Methyl Acetate	2.78	43	218800	54.49	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	469918	52.08	ug/l	100
20) Methylene Chloride	2.86	84	149266	49.32	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	141195	48.82	ug/l	96
22) Diisopropyl ether	3.88	45	465338	51.55	ug/l	99
23) Vinyl Acetate	3.83	43	1946755	258.75	ug/l	99
24) 1,1-Dichloroethane	3.70	63	262848	52.12	ug/l	100
25) 2-Butanone	4.71	43	586681	265.54	ug/l	98
26) 2,2-Dichloropropane	4.59	77	216901	55.70	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	161047	52.29	ug/l	97
28) Bromochloromethane	5.03	49	115668	52.90	ug/l	98
29) Tetrahydrofuran	5.17	42	366335	259.14	ug/l	100
30) Chloroform	5.22	83	277378	53.40	ug/l	99
31) Cyclohexane	5.57	56	226071	52.20	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	246249	54.24	ug/l	99
36) 1,1-Dichloropropene	5.81	75	200781	53.24	ug/l	99
37) Ethyl Acetate	4.87	43	218534	52.86	ug/l	99
38) Carbon Tetrachloride	5.79	117	225561	56.08	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	238646	53.52	ug/l	98
40) Benzene	6.15	78	594379	53.96	ug/l	99
41) Methacrylonitrile	5.07	41	125531	53.07	ug/l	99
42) 1,2-Dichloroethane	6.20	62	232251	54.86	ug/l	100
43) Isopropyl Acetate	6.48	43	351509	55.39	ug/l	100
44) Trichloroethene	7.22	130	183391	54.47	ug/l	99
45) 1,2-Dichloropropane	7.52	63	148643	54.13	ug/l	97
46) Dibromomethane	7.67	93	104891	53.95	ug/l	99
47) Bromodichloromethane	7.90	83	202342	56.24	ug/l	100
48) Methyl methacrylate	7.78	41	190482	55.12	ug/l	100
49) 1,4-Dioxane	7.76	88	78661	1053.59	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1186502	281.34	ug/l	100
52) Toluene	8.79	92	397174	55.14	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239951	59.01	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	222843	52.87	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	158261	54.54	ug/l	98
56) Ethyl methacrylate	9.19	69	235735	56.36	ug/l	100
57) 1,3-Dichloropropane	9.38	76	259524	54.09	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	619593	301.99	ug/l	100
59) 2-Hexanone	9.51	43	902925	279.60	ug/l	100
60) Dibromochloromethane	9.59	129	169831	57.15	ug/l	99
61) 1,2-Dibromoethane	9.68	107	167542	54.99	ug/l	100
64) Tetrachloroethene	9.34	164	213690	53.66	ug/l	98
65) Chlorobenzene	10.15	112	446639	53.31	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	167681	55.95	ug/l	100
67) Ethyl Benzene	10.26	91	744651	54.22	ug/l	100
68) m/p-Xylenes	10.37	106	597049	110.03	ug/l	99
69) o-Xylene	10.70	106	291199	55.22	ug/l	99
70) Styrene	10.72	104	485205	56.63	ug/l	99
71) Bromoform	10.87	173	139817	48.61	ug/l	100
73) Isopropylbenzene	11.02	105	786479	54.53	ug/l	100
74) N-amyl acetate	6.48	43	351509	53.66	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	227802	53.48	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	228992m	54.19	ug/l	
77) Bromobenzene	11.26	156	218559	52.12	ug/l	99
78) n-propylbenzene	11.37	91	873820	55.64	ug/l	99
79) 2-Chlorotoluene	11.43	91	520037	53.81	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	659455	54.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65430	49.43	ug/l	100
82) 4-Chlorotoluene	11.52	91	606413	54.39	ug/l	99
83) tert-Butylbenzene	11.77	119	644494	53.94	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	674271	54.63	ug/l	100
85) sec-Butylbenzene	11.95	105	795904	55.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	736550	55.98	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	398475	53.16	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	403179	52.74	ug/l	100
89) n-Butylbenzene	12.40	91	608524	55.82	ug/l	99
90) Hexachloroethane	12.60	117	112278	56.68	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	404787	53.08	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	52518	56.11	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	306706	54.96	ug/l	99
94) Hexachlorobutadiene	13.79	225	168178	55.08	ug/l	98
95) Naphthalene	13.84	128	871080	56.44	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	315309	55.07	ug/l	100

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

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