

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051618\
 Data File : VX001760.D
 Acq On : 16 May 2018 11:17
 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

MMDadoda
 5/17/2018 9:32:10 AM

Quant Time: May 17 03:42:57 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X051518W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 15 01:36:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	364227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	449320	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	379918	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	256396	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	243685	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
35) Dibromofluoromethane	5.51	113	212942	56.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.32%	
50) Toluene-d8	8.72	98	796040	58.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.24%	
62) 4-Bromofluorobenzene	11.14	95	260042	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	171193	46.84	ug/l	100
3) Chloromethane	1.32	50	181331	45.93	ug/l	99
4) Vinyl Chloride	1.40	62	195271	45.75	ug/l	100
5) Bromomethane	1.64	94	75084	41.24	ug/l	97
6) Chloroethane	1.72	64	126711	47.13	ug/l	97
7) Trichlorofluoromethane	1.93	101	290083	46.77	ug/l	100
8) Diethyl Ether	2.19	74	116882	45.78	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	178800	47.88	ug/l	100
10) Methyl Iodide	2.51	142	211072	61.44	ug/l	100
11) Tert butyl alcohol	3.07	59	202334	233.44	ug/l	99
12) 1,1-Dichloroethene	2.37	96	162875	45.24	ug/l	99
13) Acrolein	2.29	56	101626	165.32	ug/l	98
14) Allyl chloride	2.73	41	312268	46.93	ug/l	99
15) Acrylonitrile	3.15	53	491691	225.86	ug/l	99
16) Acetone	2.45	43	492081	256.63	ug/l	99
17) Carbon Disulfide	2.57	76	408125	43.46	ug/l	100
18) Methyl Acetate	2.78	43	267337	47.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	556530	45.87	ug/l	100
20) Methylene Chloride	2.86	84	182613	44.49	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	177096	44.66	ug/l	99
22) Diisopropyl ether	3.87	45	589401	46.17	ug/l	98
23) Vinyl Acetate	3.82	43	1999692	217.42	ug/l	100
24) 1,1-Dichloroethane	3.70	63	319484	45.64	ug/l	99
25) 2-Butanone	4.71	43	714474	243.37	ug/l	97
26) 2,2-Dichloropropane	4.59	77	271840	48.23	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	205623	45.56	ug/l	100
28) Bromochloromethane	5.02	49	186066	59.83	ug/l	99
29) Tetrahydrofuran	5.17	42	440037	229.95	ug/l	100
30) Chloroform	5.22	83	341581	46.45	ug/l	98
31) Cyclohexane	5.57	56	302880	49.36	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	301858	47.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	254214	49.15	ug/l	99
37) Ethyl Acetate	4.87	43	259243	48.09	ug/l	99
38) Carbon Tetrachloride	5.78	117	275470	50.84	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	328728	54.39	ug/l	99
40) Benzene	6.15	78	763221	50.08	ug/l	99
41) Methacrylonitrile	5.07	41	150186	48.18	ug/l	99
42) 1,2-Dichloroethane	6.20	62	266298	48.32	ug/l	99
43) Isopropyl Acetate	6.47	43	411247	48.75	ug/l	99
44) Trichloroethene	7.21	130	235975	49.89	ug/l	100
45) 1,2-Dichloropropane	7.52	63	189564	50.69	ug/l	98
46) Dibromomethane	7.67	93	128302	48.86	ug/l	98
47) Bromodichloromethane	7.90	83	254250	52.18	ug/l	97
48) Methyl methacrylate	7.78	41	221509	49.88	ug/l	98
49) 1,4-Dioxane	7.76	88	93759	1096.57	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	1379569	258.03	ug/l	100
52) Toluene	8.79	92	508546	51.93	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	303649	52.97	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	272802	53.98	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	198141	52.93	ug/l	99
56) Ethyl methacrylate	9.19	69	285245	53.74	ug/l	99
57) 1,3-Dichloropropane	9.38	76	295346	47.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	514745	188.51	ug/l	100
59) 2-Hexanone	9.50	43	962192	251.40	ug/l	99
60) Dibromochloromethane	9.59	129	197176	51.44	ug/l	99
61) 1,2-Dibromoethane	9.68	107	189795	48.43	ug/l	99
64) Tetrachloroethene	9.34	164	255034	51.57	ug/l	97
65) Chlorobenzene	10.14	112	510590	48.86	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	192719	52.21	ug/l	99
67) Ethyl Benzene	10.26	91	854811	51.18	ug/l	100
68) m/p-Xylenes	10.37	106	690478	104.79	ug/l	100
69) o-Xylene	10.70	106	330018	52.30	ug/l	99
70) Styrene	10.71	104	550968	52.94	ug/l	100
71) Bromoform	10.86	173	160252	46.85	ug/l	100
73) Isopropylbenzene	11.02	105	893275	52.90	ug/l	100
74) N-amyl acetate	6.47	43	411247	50.80	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	244213	48.22	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	251143m	51.51	ug/l	
77) Bromobenzene	11.26	156	248110	50.01	ug/l	99
78) n-propylbenzene	11.37	91	1005113	52.84	ug/l	100
79) 2-Chlorotoluene	11.43	91	584267	51.35	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	749088	54.08	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	74001	45.55	ug/l	99
82) 4-Chlorotoluene	11.51	91	683146	50.97	ug/l	99
83) tert-Butylbenzene	11.77	119	732877	53.16	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	773958	53.95	ug/l	100
85) sec-Butylbenzene	11.95	105	917563	53.92	ug/l	100
86) p-Isopropyltoluene	12.07	119	849563	53.96	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	458569	49.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	459545	48.43	ug/l	100
89) n-Butylbenzene	12.39	91	705729	51.82	ug/l	100
90) Hexachloroethane	12.60	117	134754	55.10	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	458198	50.12	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55506	51.34	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	360551	49.48	ug/l	99
94) Hexachlorobutadiene	13.79	225	196253	50.16	ug/l	99
95) Naphthalene	13.84	128	965456	50.97	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	365531	49.81	ug/l	100

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

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