

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001551.D
 Acq On : 09 May 2018 08:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/10/2018 1:11:30 PM

Quant Time: May 09 09:00:19 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	228466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	296713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	210681	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	168267	51.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.48%	
35) Dibromofluoromethane	5.51	113	138023	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	8.72	98	500808	51.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.14	95	188337	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160951	52.33	ug/l	99
3) Chloromethane	1.32	50	152687	50.98	ug/l	100
4) Vinyl Chloride	1.40	62	160828	51.45	ug/l	98
5) Bromomethane	1.64	94	74064	51.90	ug/l	100
6) Chloroethane	1.72	64	108078	52.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	252730	53.72	ug/l	100
8) Diethyl Ether	2.19	74	95612	51.85	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	141719	51.38	ug/l	99
10) Methyl Iodide	2.51	142	208509	52.39	ug/l	99
11) Tert butyl alcohol	3.09	59	183200	264.61	ug/l	98
12) 1,1-Dichloroethene	2.37	96	133969	52.99	ug/l	98
13) Acrolein	2.30	56	29888	217.47	ug/l	97
14) Allyl chloride	2.73	41	236902	50.26	ug/l	99
15) Acrylonitrile	3.15	53	409813	261.94	ug/l	99
16) Acetone	2.45	43	371370	249.06	ug/l	100
17) Carbon Disulfide	2.57	76	317945	49.42	ug/l	100
18) Methyl Acetate	2.78	43	223884	57.15	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	473259	53.77	ug/l	100
20) Methylene Chloride	2.86	84	151640	51.36	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	143207	50.76	ug/l	98
22) Diisopropyl ether	3.88	45	473340	53.75	ug/l	99
23) Vinyl Acetate	3.83	43	1906614	259.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	244441	49.69	ug/l	100
25) 2-Butanone	4.71	43	561105	260.33	ug/l	98
26) 2,2-Dichloropropane	4.59	77	107959	28.42	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	157960	52.57	ug/l	94
28) Bromochloromethane	5.03	49	113601	53.26	ug/l	98
29) Tetrahydrofuran	5.17	42	365039	264.70	ug/l	100
30) Chloroform	5.22	83	279712	55.20	ug/l	96
31) Cyclohexane	5.58	56	223296	52.85	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	248526	56.11	ug/l	99
36) 1,1-Dichloropropene	5.81	75	199154	52.77	ug/l	99
37) Ethyl Acetate	4.87	43	217029	52.46	ug/l	99
38) Carbon Tetrachloride	5.79	117	224874	55.86	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231043	51.78	ug/l	97
40) Benzene	6.15	78	598915	54.33	ug/l	100
41) Methacrylonitrile	5.07	41	125599	53.06	ug/l	99
42) 1,2-Dichloroethane	6.20	62	233426	55.09	ug/l	100
43) Isopropyl Acetate	6.48	43	347130	54.66	ug/l	100
44) Trichloroethene	7.22	130	181205	53.78	ug/l	97
45) 1,2-Dichloropropane	7.52	63	152016	55.31	ug/l	100
46) Dibromomethane	7.67	93	105864	54.41	ug/l	99
47) Bromodichloromethane	7.90	83	207012	57.49	ug/l	98
48) Methyl methacrylate	7.79	41	188238	54.43	ug/l	99
49) 1,4-Dioxane	7.76	88	80606	1078.81	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1182969	280.29	ug/l	99
52) Toluene	8.79	92	398899	55.34	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	216095	53.10	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	195645	46.66	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	159395	54.89	ug/l	99
56) Ethyl methacrylate	9.19	69	233939	55.88	ug/l	99
57) 1,3-Dichloropropane	9.38	76	261929	54.55	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	585225	285.02	ug/l	100
59) 2-Hexanone	9.51	43	883746	273.45	ug/l	100
60) Dibromochloromethane	9.59	129	173156	58.22	ug/l	98
61) 1,2-Dibromoethane	9.68	107	170741	56.00	ug/l	99
64) Tetrachloroethene	9.34	164	226860	56.36	ug/l	100
65) Chlorobenzene	10.15	112	451738	53.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171028	56.46	ug/l	100
67) Ethyl Benzene	10.26	91	748022	53.89	ug/l	100
68) m/p-Xylenes	10.37	106	604330	110.19	ug/l	99
69) o-Xylene	10.71	106	296133	55.56	ug/l	99
70) Styrene	10.72	104	493317	56.97	ug/l	99
71) Bromoform	10.87	173	141257	48.59	ug/l	100
73) Isopropylbenzene	11.02	105	789256	54.11	ug/l	100
74) N-amyl acetate	6.48	43	347130	52.40	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	228120	52.96	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	223898m	52.40	ug/l	
77) Bromobenzene	11.26	156	222915	52.57	ug/l	99
78) n-propylbenzene	11.37	91	877167	55.23	ug/l	99
79) 2-Chlorotoluene	11.43	91	524929	53.71	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	663221	54.62	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	52324	39.98	ug/l	97
82) 4-Chlorotoluene	11.52	91	613286	54.39	ug/l	100
83) tert-Butylbenzene	11.77	119	638397	52.84	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	684841	54.87	ug/l	100
85) sec-Butylbenzene	11.95	105	793699	54.73	ug/l	100
86) p-Isopropyltoluene	12.07	119	732822	55.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	399886	52.76	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	405898	52.50	ug/l	100
89) n-Butylbenzene	12.40	91	580286	52.64	ug/l	100
90) Hexachloroethane	12.60	117	114610	57.21	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	412936	53.55	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53959	57.01	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	300686	53.28	ug/l	100
94) Hexachlorobutadiene	13.79	225	156275	50.61	ug/l	100
95) Naphthalene	13.84	128	877393	56.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	314403	54.30	ug/l	99

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

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