

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050618\
 Data File : VX001437.D
 Acq On : 06 May 2018 11:21
 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
 5/18/2018 2:17:27 PM

Quant Time: May 07 07:17:38 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	275092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	352890	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	342752	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	255086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	197660	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
35) Dibromofluoromethane	5.51	113	158684	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.72	98	583792	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
62) 4-Bromofluorobenzene	11.14	95	228743	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	188991	51.03	ug/l	99
3) Chloromethane	1.32	50	168085	46.61	ug/l	99
4) Vinyl Chloride	1.40	62	173827	46.18	ug/l	100
5) Bromomethane	1.64	94	89046	51.81	ug/l	99
6) Chloroethane	1.71	64	112473	45.21	ug/l	100
7) Trichlorofluoromethane	1.93	101	277832	49.05	ug/l	99
8) Diethyl Ether	2.19	74	105932	47.71	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	161533	48.64	ug/l	99
10) Methyl Iodide	2.51	142	226380	47.24	ug/l	98
11) Tert butyl alcohol	3.07	59	189167	226.92	ug/l	99
12) 1,1-Dichloroethene	2.37	96	141901	46.62	ug/l	98
13) Acrolein	2.29	56	31823	190.88	ug/l	94
14) Allyl chloride	2.73	41	268244	47.26	ug/l	97
15) Acrylonitrile	3.15	53	425279	225.76	ug/l	99
16) Acetone	2.45	43	445747	248.27	ug/l	99
17) Carbon Disulfide	2.57	76	366574	47.32	ug/l	99
18) Methyl Acetate	2.78	43	220147	46.67	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	525805	49.61	ug/l	100
20) Methylene Chloride	2.86	84	161659	45.48	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	155556	45.79	ug/l	98
22) Diisopropyl ether	3.87	45	543019	51.21	ug/l	99
23) Vinyl Acetate	3.82	43	2318486	262.34	ug/l	99
24) 1,1-Dichloroethane	3.70	63	284272	47.99	ug/l	99
25) 2-Butanone	4.71	43	623708	240.32	ug/l	98
26) 2,2-Dichloropropane	4.59	77	232348	50.79	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	177864	49.16	ug/l	98
28) Bromochloromethane	5.02	49	129746	50.52	ug/l	97
29) Tetrahydrofuran	5.17	42	386670	232.86	ug/l	100
30) Chloroform	5.21	83	304895	49.97	ug/l	99
31) Cyclohexane	5.57	56	255755	50.27	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	271687	50.95	ug/l	99
36) 1,1-Dichloropropene	5.80	75	225182	50.16	ug/l	99
37) Ethyl Acetate	4.86	43	238123	48.39	ug/l	99
38) Carbon Tetrachloride	5.79	117	247119	51.62	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	278235	52.43	ug/l	99
40) Benzene	6.15	78	660381	50.37	ug/l	99
41) Methacrylonitrile	5.06	41	137627	48.88	ug/l	99
42) 1,2-Dichloroethane	6.20	62	262902	52.17	ug/l	99
43) Isopropyl Acetate	6.47	43	394616	52.24	ug/l	100
44) Trichloroethene	7.21	130	206624	51.56	ug/l	99
45) 1,2-Dichloropropane	7.52	63	166833	51.04	ug/l	99
46) Dibromomethane	7.67	93	117752	50.89	ug/l	98
47) Bromodichloromethane	7.90	83	229723	53.64	ug/l	98
48) Methyl methacrylate	7.78	41	211565	51.44	ug/l	99
49) 1,4-Dioxane	7.76	88	84633	952.39	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1266197	252.25	ug/l	99
52) Toluene	8.79	92	439869	51.31	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	272157	56.23	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	253971	50.72	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	178625	51.72	ug/l	97
56) Ethyl methacrylate	9.19	69	265454	53.32	ug/l	99
57) 1,3-Dichloropropane	9.38	76	292730	51.26	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	656671	268.91	ug/l	100
59) 2-Hexanone	9.50	43	984466	256.12	ug/l	99
60) Dibromochloromethane	9.59	129	195634	55.31	ug/l	99
61) 1,2-Dibromoethane	9.68	107	189684	52.30	ug/l	99
64) Tetrachloroethene	9.34	164	255849	53.55	ug/l	98
65) Chlorobenzene	10.14	112	505562	50.29	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	190408	52.96	ug/l	100
67) Ethyl Benzene	10.26	91	839496	50.95	ug/l	100
68) m/p-Xylenes	10.37	106	680281	104.50	ug/l	100
69) o-Xylene	10.70	106	329393	52.06	ug/l	99
70) Styrene	10.72	104	547775	53.29	ug/l	100
71) Bromoform	10.86	173	161546	46.95	ug/l #	100
73) Isopropylbenzene	11.02	105	880467	49.86	ug/l	100
74) N-amyl acetate	6.47	43	394616	49.20	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	247632	47.48	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	254905m	49.27	ug/l	
77) Bromobenzene	11.26	156	253670	49.41	ug/l	99
78) n-propylbenzene	11.37	91	994787	51.73	ug/l	100
79) 2-Chlorotoluene	11.43	91	587691	49.66	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	758032	51.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69723	43.57	ug/l	98
82) 4-Chlorotoluene	11.52	91	703680	51.55	ug/l	100
83) tert-Butylbenzene	11.77	119	721100	49.29	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	782122	51.76	ug/l	100
85) sec-Butylbenzene	11.95	105	918972	52.34	ug/l	100
86) p-Isopropyltoluene	12.07	119	856880	53.20	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	461897	50.33	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	471133	50.33	ug/l	100
89) n-Butylbenzene	12.40	91	713465	53.46	ug/l	99
90) Hexachloroethane	12.60	117	127369	52.51	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	465823	49.89	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57494	50.17	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	363014	53.13	ug/l	99
94) Hexachlorobutadiene	13.79	225	190596	50.98	ug/l	100
95) Naphthalene	13.84	128	993408	52.57	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	367127	52.37	ug/l	99

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

