

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050118\
 Data File : VX001275.D
 Acq On : 01 May 2018 13:11
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 5/2/2018 4:20:53 PM

Quant Time: May 02 01:38:55 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:17:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	206051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	269443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	265585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	197165	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	416520	132.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	264.18%	
35) Dibromofluoromethane	5.51	113	354416	158.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.46%	
50) Toluene-d8	8.72	98	1357089	160.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	320.12%	
62) 4-Bromofluorobenzene	11.15	95	566428	171.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	343.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	364087	163.80	ug/l	98
3) Chloromethane	1.32	50	335008	147.79	ug/l	99
4) Vinyl Chloride	1.41	62	341244	141.65	ug/l	100
5) Bromomethane	1.64	94	258276	151.59	ug/l	100
6) Chloroethane	1.71	64	224000	148.80	ug/l	100
7) Trichlorofluoromethane	1.92	101	589483	150.12	ug/l	100
8) Diethyl Ether	2.19	74	199948	135.59	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	326317	150.19	ug/l	99
10) Methyl Iodide	2.51	142	403660	200.18	ug/l	99
11) Tert butyl alcohol	3.10	59	345609	574.36	ug/l	100
12) 1,1-Dichloroethene	2.37	96	299837	143.53	ug/l	99
13) Acrolein	2.30	56	206027	833.38	ug/l	100
14) Allyl chloride	2.73	41	553279	147.02	ug/l	99
15) Acrylonitrile	3.16	53	821263	624.82	ug/l	100
16) Acetone	2.45	43	855430	655.52	ug/l	100
17) Carbon Disulfide	2.57	76	821023	154.37	ug/l	98
18) Methyl Acetate	2.78	43	413979	128.40	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	1042465	137.56	ug/l	100
20) Methylene Chloride	2.86	84	322586	132.24	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	326079	141.95	ug/l	98
22) Diisopropyl ether	3.88	45	1076749	143.76	ug/l	99
23) Vinyl Acetate	3.83	43	4599482	726.76	ug/l	99
24) 1,1-Dichloroethane	3.70	63	524619	131.74	ug/l	100
25) 2-Butanone	4.72	43	1176758	613.16	ug/l	99
26) 2,2-Dichloropropane	4.59	77	497773	157.87	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	353530	141.36	ug/l	99
28) Bromochloromethane	5.03	49	271055	151.58	ug/l	100
29) Tetrahydrofuran	5.17	42	733596	598.02	ug/l	100
30) Chloroform	5.23	83	607562	144.15	ug/l	100
31) Cyclohexane	5.58	56	503666	147.35	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	559426	153.09	ug/l	100
36) 1,1-Dichloropropene	5.81	75	450500	150.33	ug/l	99
37) Ethyl Acetate	4.87	43	460048	131.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	512674	166.13	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	545739	162.35	ug/l	98
40) Benzene	6.15	78	1304667	151.15	ug/l	100
41) Methacrylonitrile	5.07	41	265873	135.46	ug/l	99
42) 1,2-Dichloroethane	6.20	62	499680	145.13	ug/l	100
43) Isopropyl Acetate	6.48	43	797521	144.62	ug/l	100
44) Trichloroethene	7.22	130	393038	152.17	ug/l	97
45) 1,2-Dichloropropane	7.52	63	338143	149.64	ug/l	99
46) Dibromomethane	7.67	93	236044	150.94	ug/l	99
47) Bromodichloromethane	7.91	83	473843	166.59	ug/l	98
48) Methyl methacrylate	7.79	41	425719	145.44	ug/l	98
49) 1,4-Dioxane	7.77	88	147444	2545.52	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	2625996	726.79	ug/l	98
52) Toluene	8.79	92	897366	158.74	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	570087	172.63	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	558925	180.41	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	364744	153.38	ug/l	99
56) Ethyl methacrylate	9.19	69	563353	161.66	ug/l	100
57) 1,3-Dichloropropane	9.38	76	578154	150.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	1269083	765.01	ug/l	99
59) 2-Hexanone	9.51	43	2091152	737.23	ug/l	99
60) Dibromochloromethane	9.59	129	433890	180.64	ug/l	98
61) 1,2-Dibromoethane	9.68	107	391843	157.67	ug/l	99
64) Tetrachloroethene	9.34	164	406081	140.00	ug/l	96
65) Chlorobenzene	10.15	112	1060925	151.78	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	406356	168.06	ug/l	100
67) Ethyl Benzene	10.26	91	1788536	156.64	ug/l	99
68) m/p-Xylenes	10.37	106	1439535	318.81	ug/l	100
69) o-Xylene	10.71	106	705478	161.77	ug/l	100
70) Styrene	10.72	104	1214341	167.57	ug/l	100
71) Bromoform	10.87	173	396181	188.76	ug/l	100
73) Isopropylbenzene	11.02	105	1923675	148.90	ug/l	100
74) N-amyl acetate	6.48	43	797521	125.45	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	593022	140.66	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	540444m	136.71	ug/l	
77) Bromobenzene	11.26	156	557365	145.99	ug/l	99
78) n-propylbenzene	11.37	91	2174753	151.08	ug/l	99
79) 2-Chlorotoluene	11.43	91	1294878	145.51	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1679653	153.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	184117	184.90	ug/l	96
82) 4-Chlorotoluene	11.52	91	1593591	150.42	ug/l	100
83) tert-Butylbenzene	11.78	119	1720142	157.67	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	1702392	151.63	ug/l	100
85) sec-Butylbenzene	11.95	105	1985967	154.79	ug/l	100
86) p-Isopropyltoluene	12.07	119	1856223	155.95	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	1028805	149.94	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	1048259	146.52	ug/l	100
89) n-Butylbenzene	12.40	91	1686181	163.42	ug/l	100
90) Hexachloroethane	12.60	117	313096	185.17	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	1036357	149.52	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	132769	144.22	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	832427	152.74	ug/l	99
94) Hexachlorobutadiene	13.79	225	423048	162.08	ug/l	100
95) Naphthalene	13.84	128	2147970	143.08	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	811818	149.97	ug/l	99

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

