

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050318\
 Data File : VX001377.D
 Acq On : 03 May 2018 23:21
 Operator : JC/MD
 Sample : VX0503WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0503WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2018 11:28:31 PM

Quant Time: May 04 08:26:05 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050118W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 02 01:48:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	315575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	432282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	405154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	244951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	181933	41.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.30%	
35) Dibromofluoromethane	5.51	113	156597	42.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.10%	
50) Toluene-d8	8.72	98	591608	44.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.92%	
62) 4-Bromofluorobenzene	11.15	95	210238	39.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35103	10.06	ug/l	99
3) Chloromethane	1.32	50	33221	9.69	ug/l	99
4) Vinyl Chloride	1.40	62	37101	10.28	ug/l	99
5) Bromomethane	1.64	94	26916	8.69	ug/l	97
6) Chloroethane	1.72	64	24809	10.88	ug/l	98
7) Trichlorofluoromethane	1.93	101	66208	10.87	ug/l	98
8) Diethyl Ether	2.19	74	23081	11.04	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36252	10.33	ug/l	98
10) Methyl Iodide	2.51	142	48714	15.96	ug/l	100
11) Tert butyl alcohol	3.09	59	52077	69.29	ug/l	98
12) 1,1-Dichloroethene	2.37	96	32744	10.34	ug/l	96
13) Acrolein	2.30	56	13968	32.28	ug/l	98
14) Allyl chloride	2.73	41	57968	10.47	ug/l	99
15) Acrylonitrile	3.16	53	108989	62.57	ug/l	100
16) Acetone	2.45	43	106863	57.31	ug/l	99
17) Carbon Disulfide	2.57	76	69088	8.38	ug/l	100
18) Methyl Acetate	2.78	43	62080	14.10	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	120553	11.18	ug/l	98
20) Methylene Chloride	2.86	84	38711	10.24	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	34976	10.15	ug/l	99
22) Diisopropyl ether	3.89	45	120008	11.25	ug/l	97
23) Vinyl Acetate	3.84	43	510659	56.50	ug/l	100
24) 1,1-Dichloroethane	3.70	63	67036	11.28	ug/l	100
25) 2-Butanone	4.73	43	144948	57.49	ug/l	98
26) 2,2-Dichloropropane	4.59	77	27003	5.58	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	36733	9.70	ug/l	98
28) Bromochloromethane	5.03	49	31979	11.97	ug/l	99
29) Tetrahydrofuran	5.18	42	92280	59.51	ug/l	99
30) Chloroform	5.23	83	63421	10.10	ug/l	96
31) Cyclohexane	5.58	56	47654	8.88	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	54788	9.98	ug/l	100
36) 1,1-Dichloropropene	5.81	75	43286	8.68	ug/l	97
37) Ethyl Acetate	4.89	43	53137	10.55	ug/l	98
38) Carbon Tetrachloride	5.79	117	48022	9.19	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	49682	8.42	ug/l	98
40) Benzene	6.15	78	136841	9.53	ug/l	97
41) Methacrylonitrile	5.08	41	30195	10.29	ug/l	99
42) 1,2-Dichloroethane	6.21	62	52441	9.44	ug/l	99
43) Isopropyl Acetate	6.48	43	83752	10.27	ug/l	100
44) Trichloroethene	7.22	130	43040	9.80	ug/l	90
45) 1,2-Dichloropropane	7.52	63	34614	9.39	ug/l	100
46) Dibromomethane	7.67	93	25229	9.77	ug/l	99
47) Bromodichloromethane	7.91	83	43593	9.44	ug/l	93
48) Methyl methacrylate	7.79	41	43175	9.96	ug/l	96
49) 1,4-Dioxane	7.77	88	20605	251.83	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	298513	56.77	ug/l	100
52) Toluene	8.79	92	88719	9.46	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	47260	8.60	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	42387	8.39	ug/l	96
55) 1,1,2-Trichloroethane	9.23	97	37535	9.90	ug/l	97
56) Ethyl methacrylate	9.19	69	52625	10.02	ug/l	98
57) 1,3-Dichloropropane	9.38	76	59783	9.81	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	135213	53.37	ug/l	98
59) 2-Hexanone	9.51	43	229923	55.95	ug/l	99
60) Dibromochloromethane	9.59	129	37228	9.42	ug/l	98
61) 1,2-Dibromoethane	9.68	107	40479	10.08	ug/l	99
64) Tetrachloroethene	9.34	164	55996	11.67	ug/l	94
65) Chlorobenzene	10.15	112	104995	9.53	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	38707	10.12	ug/l	98
67) Ethyl Benzene	10.26	91	169172	9.32	ug/l	100
68) m/p-Xylenes	10.37	106	133627	18.70	ug/l	99
69) o-Xylene	10.71	106	65450	9.45	ug/l	99
70) Styrene	10.72	104	106372	9.39	ug/l	99
71) Bromoform	10.87	173	30132	11.44	ug/l #	100
73) Isopropylbenzene	11.02	105	175883	10.73	ug/l	99
74) N-amyl acetate	6.48	43	83752	11.91	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	54818	11.17	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	51972m	11.47	ug/l	
77) Bromobenzene	11.26	156	52161	11.04	ug/l	97
78) n-propylbenzene	11.37	91	191940	10.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	118003	10.74	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	149076	10.83	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	10797	11.38	ug/l	91
82) 4-Chlorotoluene	11.52	91	136854	10.35	ug/l	100
83) tert-Butylbenzene	11.77	119	141327	10.30	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	153096	10.86	ug/l	98
85) sec-Butylbenzene	11.95	105	176805	10.77	ug/l	100
86) p-Isopropyltoluene	12.07	119	160594	10.66	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	91100	10.32	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	92739	10.19	ug/l	98
89) n-Butylbenzene	12.40	91	128744	9.79	ug/l	99
90) Hexachloroethane	12.60	117	22058	10.11	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	94853	10.80	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12826	12.93	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	67806	9.60	ug/l	99
94) Hexachlorobutadiene	13.79	225	36823	9.96	ug/l	100
95) Naphthalene	13.84	128	203930	11.38	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	71718	10.34	ug/l	98

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

