

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050218\
 Data File : VX001320.D
 Acq On : 02 May 2018 16:40
 Operator : JC/MD
 Sample : VX0502WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/3/2018 12:21:19 PM

Quant Time: May 03 05:31:30 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	170903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	227019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	212281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	142608	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	113695	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
35) Dibromofluoromethane	5.51	113	95992	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
50) Toluene-d8	8.72	98	356751	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
62) 4-Bromofluorobenzene	11.14	95	129622	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	40677	21.52	ug/l	98
3) Chloromethane	1.32	50	38009	20.48	ug/l	99
4) Vinyl Chloride	1.40	62	41968	21.48	ug/l	99
5) Bromomethane	1.64	94	32587	21.46	ug/l	100
6) Chloroethane	1.72	64	27671	22.40	ug/l	100
7) Trichlorofluoromethane	1.93	101	74011	22.44	ug/l	100
8) Diethyl Ether	2.19	74	25297	22.34	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40879	21.50	ug/l	98
10) Methyl Iodide	2.51	142	55072	28.61	ug/l	99
11) Tert butyl alcohol	3.09	59	53615	131.73	ug/l	99
12) 1,1-Dichloroethene	2.37	96	36834	21.49	ug/l	99
13) Acrolein	2.30	56	17183	73.32	ug/l	95
14) Allyl chloride	2.73	41	66630	22.21	ug/l	99
15) Acrylonitrile	3.15	53	113532	120.35	ug/l	99
16) Acetone	2.45	43	119632	118.47	ug/l	100
17) Carbon Disulfide	2.57	76	82954	18.57	ug/l	100
18) Methyl Acetate	2.79	43	61733	25.88	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	131042	22.44	ug/l	100
20) Methylene Chloride	2.86	84	41649	21.96	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	39798	21.33	ug/l	98
22) Diisopropyl ether	3.89	45	127940	22.15	ug/l	95
23) Vinyl Acetate	3.84	43	567108	115.85	ug/l	100
24) 1,1-Dichloroethane	3.70	63	73105	22.72	ug/l	99
25) 2-Butanone	4.73	43	153077	112.11	ug/l	97
26) 2,2-Dichloropropane	4.59	77	50880	19.43	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	41079	20.03	ug/l	97
28) Bromochloromethane	5.03	49	31608	21.85	ug/l	99
29) Tetrahydrofuran	5.18	42	95316	113.51	ug/l	99
30) Chloroform	5.22	83	70564	20.75	ug/l	99
31) Cyclohexane	5.57	56	55049	18.94	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	61141	20.57	ug/l	99
36) 1,1-Dichloropropene	5.81	75	49441	18.87	ug/l	99
37) Ethyl Acetate	4.88	43	55639	21.03	ug/l	98
38) Carbon Tetrachloride	5.79	117	53106	19.35	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	57222	18.47	ug/l	98
40) Benzene	6.15	78	150199	19.93	ug/l	97
41) Methacrylonitrile	5.08	41	31706	20.58	ug/l	99
42) 1,2-Dichloroethane	6.21	62	58691	20.11	ug/l	99
43) Isopropyl Acetate	6.48	43	88532	20.67	ug/l	99
44) Trichloroethene	7.22	130	45506	19.72	ug/l	93
45) 1,2-Dichloropropane	7.52	63	38207	19.74	ug/l	100
46) Dibromomethane	7.67	93	27698	20.41	ug/l	99
47) Bromodichloromethane	7.91	83	49070	20.23	ug/l	98
48) Methyl methacrylate	7.79	41	46490	20.42	ug/l	98
49) 1,4-Dioxane	7.77	88	20484	476.72	ug/l	97
51) 4-Methyl-2-Pentanone	8.66	43	310001	112.26	ug/l	99
52) Toluene	8.79	92	100051	20.31	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	55936	19.39	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	50277	18.94	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	40987	20.59	ug/l	97
56) Ethyl methacrylate	9.19	69	57603	20.89	ug/l	98
57) 1,3-Dichloropropane	9.38	76	66358	20.73	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	125653	94.44	ug/l	100
59) 2-Hexanone	9.51	43	237523	110.05	ug/l	100
60) Dibromochloromethane	9.59	129	41099	19.80	ug/l	99
61) 1,2-Dibromoethane	9.68	107	43200	20.48	ug/l	100
64) Tetrachloroethene	9.34	164	56467	22.45	ug/l	97
65) Chlorobenzene	10.15	112	115778	20.05	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	41355	20.64	ug/l	98
67) Ethyl Benzene	10.26	91	187260	19.68	ug/l	98
68) m/p-Xylenes	10.37	106	150505	40.20	ug/l	100
69) o-Xylene	10.71	106	73556	20.26	ug/l	97
70) Styrene	10.72	104	118990	20.04	ug/l	99
71) Bromoform	10.87	173	32719	19.50	ug/l #	99
73) Isopropylbenzene	11.02	105	195963	20.54	ug/l	100
74) N-amyl acetate	6.48	43	88532	21.63	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	59839	20.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	57586m	21.84	ug/l	
77) Bromobenzene	11.26	156	57601	20.93	ug/l	98
78) n-propylbenzene	11.37	91	217044	20.47	ug/l	99
79) 2-Chlorotoluene	11.43	91	131025	20.48	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	166477	20.78	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	12935	18.88	ug/l	88
82) 4-Chlorotoluene	11.52	91	153479	19.95	ug/l	99
83) tert-Butylbenzene	11.77	119	164237	20.56	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	171992	20.95	ug/l	99
85) sec-Butylbenzene	11.95	105	199383	20.86	ug/l	100
86) p-Isopropyltoluene	12.07	119	180769	20.62	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	101181	19.69	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	103059	19.46	ug/l	99
89) n-Butylbenzene	12.40	91	148503	19.40	ug/l	99
90) Hexachloroethane	12.60	117	24466	19.27	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	103196	20.18	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	12354	21.39	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	76316	18.55	ug/l	99
94) Hexachlorobutadiene	13.79	225	41563	19.31	ug/l	99
95) Naphthalene	13.84	128	215805	20.68	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	79676	19.73	ug/l	100

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

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