

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002211.D
 Acq On : 01 Jun 2018 10:59
 Operator : JC/MD
 Sample : VX0531WBS06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS06

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:18 PM

Quant Time: Jun 01 16:14:13 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	203760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289152	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	181358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192800	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	5.51	113	142572	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	8.72	98	557304	53.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.14	95	207293	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	41933	15.022	ug/l	97
3) Chloromethane	1.32	50	57098	18.213	ug/l	99
4) Vinyl Chloride	1.41	62	59202	19.557	ug/l	99
5) Bromomethane	1.64	94	37087	26.158	ug/l	99
6) Chloroethane	1.73	64	39142	21.935	ug/l	100
7) Trichlorofluoromethane	1.93	101	100230	22.048	ug/l	100
8) Diethyl Ether	2.19	74	39492	23.943	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	56944	22.448	ug/l	97
10) Methyl Iodide	2.51	142	61061	17.790	ug/l	97
11) Tert butyl alcohol	3.07	59	89718	125.490	ug/l	97
12) 1,1-Dichloroethene	2.38	96	50136	21.110	ug/l	99
13) Acrolein	2.30	56	26772	86.608	ug/l	97
14) Allyl chloride	2.73	41	109666	21.998	ug/l	97
15) Acrylonitrile	3.15	53	177081	120.448	ug/l	98
16) Acetone	2.45	43	197580	140.562	ug/l	99
17) Carbon Disulfide	2.57	76	109230	15.980	ug/l	99
18) Methyl Acetate	2.78	43	90175	26.087	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	207766	23.259	ug/l	99
20) Methylene Chloride	2.86	84	61094	24.243	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55289	23.061	ug/l	93
22) Diisopropyl ether	3.87	45	199001	19.624	ug/l	94
23) Vinyl Acetate	3.83	43	852151	101.355	ug/l	98
24) 1,1-Dichloroethane	3.70	63	112511	23.357	ug/l	99
25) 2-Butanone	4.71	43	250154	97.099	ug/l	100
26) 2,2-Dichloropropane	4.59	77	80341	16.478	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	57288	18.498	ug/l	96
28) Bromochloromethane	5.03	49	49315	23.271	ug/l	100
29) Tetrahydrofuran	5.17	42	156114	93.137	ug/l	100
30) Chloroform	5.22	83	102739	18.931	ug/l	98
31) Cyclohexane	5.58	56	87835	17.502	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	86115	17.021	ug/l	97
36) 1,1-Dichloropropene	5.81	75	71864	17.868	ug/l	99
37) Ethyl Acetate	4.87	43	91968	17.539	ug/l	100
38) Carbon Tetrachloride	5.79	117	74678	15.922	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89494	18.112	ug/l	98
40) Benzene	6.15	78	224787	19.077	ug/l	99
41) Methacrylonitrile	5.06	41	52168	17.982	ug/l	98
42) 1,2-Dichloroethane	6.20	62	92084	19.564	ug/l	99
43) Isopropyl Acetate	6.47	43	154620	17.698	ug/l	99
44) Trichloroethene	7.22	130	63621	18.528	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61203	19.126	ug/l	99
46) Dibromomethane	7.67	93	40455	19.095	ug/l	98
47) Bromodichloromethane	7.90	83	71332	15.791	ug/l	98
48) Methyl methacrylate	7.78	41	78927	17.750	ug/l	98
49) 1,4-Dioxane	7.76	88	29527	376.819	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	506696	96.208	ug/l	99
52) Toluene	8.79	92	146344	19.516	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	88453	17.001	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	80202	15.819	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	59610	19.029	ug/l	98
56) Ethyl methacrylate	9.18	69	93231	17.303	ug/l	98
57) 1,3-Dichloropropane	9.38	76	100655	19.504	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	205186	85.916	ug/l	99
59) 2-Hexanone	9.50	43	391299	96.356	ug/l	99
60) Dibromochloromethane	9.59	129	55650	14.998	ug/l	98
61) 1,2-Dibromoethane	9.68	107	63272	19.249	ug/l	98
64) Tetrachloroethene	9.34	164	71341	18.325	ug/l	99
65) Chlorobenzene	10.14	112	165873	19.282	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	57695	16.609	ug/l	100
67) Ethyl Benzene	10.26	91	282617	18.909	ug/l	100
68) m/p-Xylenes	10.37	106	218122	38.177	ug/l	99
69) o-Xylene	10.70	106	108634	19.043	ug/l	100
70) Styrene	10.72	104	175501	18.550	ug/l	100
71) Bromoform	10.86	173	41670	12.651	ug/l #	100
73) Isopropylbenzene	11.02	105	290254	18.900	ug/l	99
74) N-amyl acetate	6.47	43	154620	17.348	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	86920	19.932	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	77957m	17.896	ug/l	
77) Bromobenzene	11.26	156	77649	19.057	ug/l	97
78) n-propylbenzene	11.37	91	327929	19.065	ug/l	100
79) 2-Chlorotoluene	11.43	91	196430	19.407	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	247261	18.840	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	22196	12.246	ug/l #	81
82) 4-Chlorotoluene	11.51	91	231077	19.048	ug/l	100
83) tert-Butylbenzene	11.77	119	236071	18.330	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	254589	18.771	ug/l	100
85) sec-Butylbenzene	11.95	105	292683	18.905	ug/l	99
86) p-Isopropyltoluene	12.07	119	263024	18.986	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	139576	19.128	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141612	19.411	ug/l	100
89) n-Butylbenzene	12.39	91	220742	18.805	ug/l	99
90) Hexachloroethane	12.60	117	36750	13.448	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	144744	19.468	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18951	13.879	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	101176	19.031	ug/l	99
94) Hexachlorobutadiene	13.79	225	53512	18.711	ug/l	98
95) Naphthalene	13.84	128	303952	18.557	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	106145	19.295	ug/l	99

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

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