

Data Path : W:\HPCHEM1\MSVOA X\Data\VX040218\
 Data File : VX000646.D
 Acq On : 02 Apr 2018 18:58
 Operator : JC/MD
 Sample : VX0402WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS02

Manual Integrations
 APPROVED

MMDadoda
 4/4/2018 5:09:42 PM

Quant Time: Apr 03 03:08:56 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	139162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	221342	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	153953	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	80735	44.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.88%	
35) Dibromofluoromethane	5.51	113	63443	45.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.98%	
50) Toluene-d8	8.72	98	258715	44.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.58%	
62) 4-Bromofluorobenzene	11.15	95	103928	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	26932	17.56	ug/l	98
3) Chloromethane	1.32	50	26578	16.45	ug/l	99
4) Vinyl Chloride	1.41	62	34912	20.45	ug/l	97
5) Bromomethane	1.65	94	28307	13.88	ug/l	92
6) Chloroethane	1.73	64	23024	23.76	ug/l	97
7) Trichlorofluoromethane	1.93	101	62996	20.44	ug/l	100
8) Diethyl Ether	2.19	74	22404	20.34	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	36154	21.04	ug/l	96
10) Methyl Iodide	2.51	142	18850	14.40	ug/l	99
11) Tert butyl alcohol	3.07	59	57857	92.59	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30185	20.01	ug/l	97
13) Acrolein	2.29	56	29962	156.00	ug/l	96
14) Allyl chloride	2.73	41	53899	20.17	ug/l	99
15) Acrylonitrile	3.15	53	123937	97.93	ug/l	99
16) Acetone	2.45	43	148823	98.48	ug/l	98
17) Carbon Disulfide	2.57	76	72709	18.13	ug/l	99
18) Methyl Acetate	2.78	43	62400	19.70	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	113891	20.42	ug/l	97
20) Methylene Chloride	2.86	84	37870	21.70	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	32563	19.35	ug/l	96
22) Diisopropyl ether	3.88	45	76768	16.28	ug/l	96
23) Vinyl Acetate	3.83	43	446034	99.78	ug/l	98
24) 1,1-Dichloroethane	3.70	63	58417	19.70	ug/l	96
25) 2-Butanone	4.71	43	144480	85.06	ug/l	100
26) 2,2-Dichloropropane	4.59	77	37040	17.83	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	27656	17.59	ug/l	98
28) Bromochloromethane	5.03	49	22046	18.03	ug/l	94
29) Tetrahydrofuran	5.18	42	88072	84.27	ug/l	98
30) Chloroform	5.23	83	51307	18.47	ug/l	94
31) Cyclohexane	5.58	56	39833	17.38	ug/l	93
32) 1,1,1-Trichloroethane	5.50	97	44656	17.82	ug/l	98
36) 1,1-Dichloropropene	5.81	75	36303	17.51	ug/l	97
37) Ethyl Acetate	4.87	43	50955	17.99	ug/l	98
38) Carbon Tetrachloride	5.79	117	37362	17.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	46870	18.59	ug/l	98
40) Benzene	6.15	78	109905	18.25	ug/l	98
41) Methacrylonitrile	5.07	41	25696	17.21	ug/l	97
42) 1,2-Dichloroethane	6.21	62	43985	18.62	ug/l	96
43) Isopropyl Acetate	6.48	43	76955	18.25	ug/l	98
44) Trichloroethene	7.22	130	31966	18.53	ug/l	96
45) 1,2-Dichloropropane	7.53	63	30444	19.75	ug/l	99
46) Dibromomethane	7.67	93	22656	18.73	ug/l	98
47) Bromodichloromethane	7.91	83	41178	19.35	ug/l	100
48) Methyl methacrylate	7.79	41	38230	18.68	ug/l	98
49) 1,4-Dioxane	7.76	88	13526	314.41	ug/l	94
51) 4-Methyl-2-Pentanone	8.66	43	306121	93.81	ug/l	99
52) Toluene	8.79	92	79923	18.99	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	47269	19.17	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	47684	19.93	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	33123	19.14	ug/l	98
56) Ethyl methacrylate	9.19	69	50071	19.09	ug/l	99
57) 1,3-Dichloropropane	9.38	76	54987	19.86	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	94726	75.25	ug/l	100
59) 2-Hexanone	9.51	43	260194	93.91	ug/l	100
60) Dibromochloromethane	9.59	129	34354	19.51	ug/l	94
61) 1,2-Dibromoethane	9.68	107	35878	19.33	ug/l	99
64) Tetrachloroethene	9.34	164	29529	15.76	ug/l	95
65) Chlorobenzene	10.15	112	97811	18.20	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	33443	18.33	ug/l	99
67) Ethyl Benzene	10.26	91	167511	18.39	ug/l	99
68) m/p-Xylenes	10.37	106	130635	36.45	ug/l	99
69) o-Xylene	10.71	106	63712	18.36	ug/l	98
70) Styrene	10.72	104	107251	18.68	ug/l	99
71) Bromoform	10.87	173	28160	18.17	ug/l #	95
73) Isopropylbenzene	11.02	105	175073	17.16	ug/l	100
74) N-amyl acetate	6.48	43	76955	15.00	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	64107	17.77	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	56363m	17.04	ug/l	
77) Bromobenzene	11.26	156	45140	16.61	ug/l	98
78) n-propylbenzene	11.37	91	213295	17.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	120524	17.15	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	154631	18.03	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16669	16.31	ug/l	95
82) 4-Chlorotoluene	11.52	91	150590	17.95	ug/l	99
83) tert-Butylbenzene	11.78	119	155442	17.97	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	160308	17.83	ug/l	99
85) sec-Butylbenzene	11.95	105	195355	18.25	ug/l	99
86) p-Isopropyltoluene	12.07	119	173522	18.25	ug/l	99
87) 1,3-Dichlorobenzene	12.04	146	91785	17.86	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	94158	17.46	ug/l	96
89) n-Butylbenzene	12.40	91	170771	19.29	ug/l	98
90) Hexachloroethane	12.60	117	27264	18.22	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	92338	18.33	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16836	16.73	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	66411	18.39	ug/l	99
94) Hexachlorobutadiene	13.79	225	27421	18.34	ug/l	96
95) Naphthalene	13.84	128	227711	18.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	66947	18.76	ug/l	99

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

