

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000778.D
 Acq On : 11 Apr 2018 15:05
 Operator : JC/MD
 Sample : VX0411WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0411WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/12/2018 10:51:25 AM

Quant Time: Apr 12 07:19:37 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327681	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	218353	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	164178	52.57	ug/l	0.00
Spiked Amount						
			Recovery	=	105.14%	
35) Dibromofluoromethane	5.51	113	139297	52.33	ug/l	0.00
Spiked Amount						
			Recovery	=	104.66%	
50) Toluene-d8	8.72	98	507608	51.22	ug/l	0.00
Spiked Amount						
			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.15	95	204111	49.78	ug/l	0.00
Spiked Amount						
			Recovery	=	99.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	60075	21.49	ug/l	98
3) Chloromethane	1.32	50	42770	17.84	ug/l	99
4) Vinyl Chloride	1.40	62	54852	20.34	ug/l	95
5) Bromomethane	1.64	94	11634	9.30	ug/l	100
6) Chloroethane	1.73	64	43529	26.64	ug/l	98
7) Trichlorofluoromethane	1.93	101	86902	21.36	ug/l	98
8) Diethyl Ether	2.19	74	32280	21.24	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49687	20.72	ug/l	99
10) Methyl Iodide	2.51	142	10073	12.74	ug/l	97
11) Tert butyl alcohol	3.07	59	64214	115.82	ug/l	99
12) 1,1-Dichloroethene	2.38	96	47487	20.89	ug/l	97
13) Acrolein	2.30	56	24084	89.45	ug/l	97
14) Allyl chloride	2.73	41	87992	20.93	ug/l	99
15) Acrylonitrile	3.15	53	132243	111.88	ug/l	100
16) Acetone	2.45	43	121980	113.27	ug/l	99
17) Carbon Disulfide	2.57	76	137272	19.94	ug/l	99
18) Methyl Acetate	2.78	43	63243	22.69	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	165625	21.88	ug/l	99
20) Methylene Chloride	2.86	84	53007	21.16	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	51128	20.40	ug/l	98
22) Diisopropyl ether	3.88	45	172034	22.27	ug/l	99
23) Vinyl Acetate	3.83	43	768246	113.28	ug/l	98
24) 1,1-Dichloroethane	3.70	63	94749	21.86	ug/l	99
25) 2-Butanone	4.71	43	203004	114.15	ug/l	98
26) 2,2-Dichloropropane	4.59	77	87208	20.27	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	61220	21.52	ug/l	99
28) Bromochloromethane	5.03	49	36774	21.07	ug/l	99
29) Tetrahydrofuran	5.18	42	126894	112.38	ug/l	100
30) Chloroform	5.23	83	99147	21.61	ug/l	98
31) Cyclohexane	5.59	56	84081	20.43	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	93390	21.36	ug/l	100
36) 1,1-Dichloropropene	5.81	75	74606	19.61	ug/l	99
37) Ethyl Acetate	4.87	43	77512	20.87	ug/l	100
38) Carbon Tetrachloride	5.79	117	84644	19.88	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	87456	19.14	ug/l	99
40) Benzene	6.15	78	216539	20.48	ug/l	100
41) Methacrylonitrile	5.07	41	45057	21.00	ug/l	99
42) 1,2-Dichloroethane	6.21	62	81732	20.70	ug/l	99
43) Isopropyl Acetate	6.48	43	131702	20.68	ug/l	100
44) Trichloroethene	7.22	130	66939	20.36	ug/l	99
45) 1,2-Dichloropropane	7.53	63	55070	20.46	ug/l	97
46) Dibromomethane	7.67	93	37961	20.22	ug/l	99
47) Bromodichloromethane	7.91	83	77704	20.51	ug/l	98
48) Methyl methacrylate	7.79	41	68941	20.88	ug/l	99
49) 1,4-Dioxane	7.76	88	28208	425.22	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	401412	107.31	ug/l	100
52) Toluene	8.79	92	141672	20.20	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	90787	19.98	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	87504	19.78	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	56707	20.37	ug/l	98
56) Ethyl methacrylate	9.19	69	87221	20.31	ug/l	99
57) 1,3-Dichloropropane	9.38	76	92636	20.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	214667	106.97	ug/l	100
59) 2-Hexanone	9.51	43	307294	106.41	ug/l	100
60) Dibromochloromethane	9.59	129	66350	19.91	ug/l	99
61) 1,2-Dibromoethane	9.68	107	61802	20.92	ug/l	98
64) Tetrachloroethene	9.34	164	64491	20.13	ug/l	97
65) Chlorobenzene	10.15	112	165270	20.05	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62061	20.00	ug/l	100
67) Ethyl Benzene	10.26	91	277401	20.18	ug/l	100
68) m/p-Xylenes	10.37	106	216849	39.98	ug/l	99
69) o-Xylene	10.71	106	106606	20.39	ug/l	99
70) Styrene	10.72	104	176885	20.07	ug/l	100
71) Bromoform	10.87	173	55810	19.43	ug/l #	99
73) Isopropylbenzene	11.02	105	284602	20.55	ug/l	100
74) N-amyl acetate	6.48	43	131702	21.11	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	83680	20.82	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80432m	21.36	ug/l	
77) Bromobenzene	11.26	156	82431	20.31	ug/l	99
78) n-propylbenzene	11.37	91	321355	20.28	ug/l	100
79) 2-Chlorotoluene	11.43	91	191085	20.41	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	242733	20.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	24202	17.68	ug/l	95
82) 4-Chlorotoluene	11.52	91	228721	20.23	ug/l	99
83) tert-Butylbenzene	11.78	119	252580	20.72	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	249871	20.32	ug/l	100
85) sec-Butylbenzene	11.95	105	292272	20.33	ug/l	100
86) p-Isopropyltoluene	12.07	119	269922	20.13	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	151972	20.23	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	153020	19.87	ug/l	99
89) n-Butylbenzene	12.40	91	234161	19.79	ug/l	100
90) Hexachloroethane	12.60	117	41976	18.50	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	147918	20.39	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20312	20.17	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123355	19.93	ug/l	99
94) Hexachlorobutadiene	13.79	225	60224	19.79	ug/l	98
95) Naphthalene	13.84	128	333577	21.00	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	122501	20.38	ug/l	99

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

