

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022718\
 Data File : VX000146.D
 Acq On : 27 Feb 2018 16:18
 Operator : JC/MD
 Sample : J1690-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ClientSampled :
 DSN001

Quant Time: Feb 28 04:40:26 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	616	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	967	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	579	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	529	68.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.54%	
35) Dibromofluoromethane	5.51	113	223	36.54	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	73.08%	
50) Toluene-d8	8.73	98	988	41.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.08%	
62) 4-Bromofluorobenzene	11.14	95	418	44.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	117	18.81	ug/l #	42
4) Vinyl Chloride	1.42	62	20	2.89	ug/l #	44
5) Bromomethane	1.65	94	22	1.81	ug/l	96
6) Chloroethane	1.71	64	147	31.58	ug/l #	42
8) Diethyl Ether	2.21	74	33	7.72	ug/l #	1
10) Methyl Iodide	2.68	142	19	2.50	ug/l #	39
11) Tert butyl alcohol	3.07	59	320	107.95	ug/l #	41
12) 1,1-Dichloroethene	2.18	96	33	5.12	ug/l #	1
13) Acrolein	2.30	56	362	255.66	ug/l #	75
14) Allyl chloride	2.72	41	338	31.30	ug/l #	74
15) Acrylonitrile	3.16	53	452	89.28	ug/l #	66
16) Acetone	2.45	43	5252	1052.71	ug/l	98
17) Carbon Disulfide	2.58	76	831	43.76	ug/l #	78
18) Methyl Acetate	2.76	43	202	17.27	ug/l #	50
19) Methyl tert-butyl Ether	3.22	73	87	3.93	ug/l #	56
20) Methylene Chloride	2.87	84	626	100.31	ug/l #	77
21) trans-1,2-Dichloroethene	3.18	96	95	13.58	ug/l #	26
22) Diisopropyl ether	3.90	45	54	2.86	ug/l #	34
23) Vinyl Acetate	3.84	43	158	9.01	ug/l #	70
24) 1,1-Dichloroethane	3.70	63	87	7.78	ug/l #	82
25) 2-Butanone	4.71	43	402	57.72	ug/l #	48
26) 2,2-Dichloropropane	4.60	77	64	6.59	ug/l #	53
27) cis-1,2-Dichloroethene	4.59	96	19	2.85	ug/l #	1
28) Bromochloromethane	5.22	49	962	191.93	ug/l #	7
29) Tetrahydrofuran	5.20	42	34	7.50	ug/l #	30
30) Chloroform	5.22	83	11737	997.58	ug/l	85
31) Cyclohexane	5.73	56	55	5.72	ug/l #	13
36) 1,1-Dichloropropene	5.79	75	25	2.88	ug/l #	39
37) Ethyl Acetate	4.87	43	155	13.00	ug/l #	67
39) Methylcyclohexane	7.45	83	31	2.97	ug/l #	19
40) Benzene	6.14	78	65	2.62	ug/l #	51
41) Methacrylonitrile	5.06	41	138	23.84	ug/l #	29
43) Isopropyl Acetate	6.48	43	46	2.68	ug/l #	60
45) 1,2-Dichloropropane	7.65	63	26	4.28	ug/l #	45

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

46) Dibromomethane	7.90	93	77	16.24	ug/l #	3
47) Bromodichloromethane	7.90	83	3178	362.86	ug/l #	83
48) Methyl methacrylate	7.79	41	19	2.25	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	590	46.95	ug/l #	54
52) Toluene	8.79	92	79	4.77	ug/l #	45
53) t-1,3-Dichloropropene	8.44	75	63	6.12	ug/l #	43
54) cis-1,3-Dichloropropene	9.05	75	62	6.06	ug/l #	1
56) Ethyl methacrylate	8.93	69	28	2.66	ug/l #	1
59) 2-Hexanone	9.51	43	282	26.50	ug/l #	34
60) Dibromochloromethane	9.59	129	602	77.59	ug/l	96
65) Chlorobenzene	10.14	112	91	6.50	ug/l #	43
67) Ethyl Benzene	10.27	91	285	12.13	ug/l #	42
68) m/p-Xylenes	10.37	106	152	16.34	ug/l #	45
70) Styrene	10.72	104	260	17.72	ug/l #	55
73) Isopropylbenzene	11.04	105	147	4.01	ug/l #	47
74) N-amyl acetate	6.48	43	46	2.48	ug/l #	57
76) 1,2,3-Trichloropropane	11.15	75	258	21.51	ug/l #	31
77) Bromobenzene	11.26	156	23	2.31	ug/l #	1
78) n-propylbenzene	11.37	91	312	7.21	ug/l #	51
79) 2-Chlorotoluene	11.42	91	101	4.08	ug/l #	38
80) 1,3,5-Trimethylbenzene	11.52	105	146	4.71	ug/l #	28
81) trans-1,4-Dichloro-2-buten	11.15	75	258	61.26	ug/l #	12
82) 4-Chlorotoluene	11.52	91	319	10.65	ug/l #	60
83) tert-Butylbenzene	11.78	119	62	1.98	ug/l #	38
84) 1,2,4-Trimethylbenzene	11.81	105	286	8.88	ug/l	86
85) sec-Butylbenzene	11.96	105	311	7.99	ug/l #	55
86) p-Isopropyltoluene	12.07	119	224	6.44	ug/l #	50
87) 1,3-Dichlorobenzene	12.10	146	320	16.77	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	320	16.23	ug/l	91
89) n-Butylbenzene	12.40	91	466	14.21	ug/l #	72
91) 1,2-Dichlorobenzene	12.41	146	178	9.48	ug/l #	43
93) 1,2,4-Trichlorobenzene	13.65	180	308	21.86	ug/l	75
94) Hexachlorobutadiene	13.79	225	71	11.55	ug/l #	62
95) Naphthalene	13.85	128	734	15.37	ug/l #	89
96) 1,2,3-Trichlorobenzene	14.03	180	149	10.71	ug/l #	28

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

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