

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000077.D
 Acq On : 13 Feb 2018 15:49
 Operator : JC/MD
 Sample : MDL05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 14 03:20:47 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	104816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	173934	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	88389	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	61760	56.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.78%	
35) Dibromofluoromethane	5.51	113	50613	49.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.68%	
50) Toluene-d8	8.73	98	189833	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	11.15	95	76050	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	748	0.79	ug/l	83
3) Chloromethane	1.32	50	902	0.93	ug/l	94
4) Vinyl Chloride	1.41	62	1038	0.95	ug/l	96
5) Bromomethane	1.65	94	1148	1.97	ug/l	90
6) Chloroethane	1.73	64	973	1.48	ug/l	89
7) Trichlorofluoromethane	1.93	101	1811	0.95	ug/l	97
8) Diethyl Ether	2.20	74	634	0.92	ug/l	82
9) 1,1,2-Trichlorotrifluoroet	2.39	101	925	0.86	ug/l	96
10) Methyl Iodide	2.51	142	956	2.41	ug/l	94
11) Tert butyl alcohol	3.07	59	2188	4.99	ug/l #	90
12) 1,1-Dichloroethene	2.39	96	902	0.89	ug/l	83
13) Acrolein	2.30	56	1057	4.70	ug/l #	73
14) Allyl chloride	2.73	41	1826	1.03	ug/l #	88
15) Acrylonitrile	3.16	53	3512	4.60	ug/l	95
16) Acetone	2.45	43	3614	5.57	ug/l	100
17) Carbon Disulfide	2.57	76	2674	0.90	ug/l	96
18) Methyl Acetate	2.79	43	1779	1.09	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	2993	0.86	ug/l	96
20) Methylene Chloride	2.87	84	1137	1.05	ug/l #	89
21) trans-1,2-Dichloroethene	3.17	96	1041	0.95	ug/l #	84
22) Diisopropyl ether	3.89	45	2803	0.96	ug/l #	96
23) Vinyl Acetate	3.84	43	11651	4.40	ug/l #	93
24) 1,1-Dichloroethane	3.71	63	1774	0.98	ug/l #	92
25) 2-Butanone	4.72	43	4792	4.90	ug/l #	89
26) 2,2-Dichloropropane	4.59	77	1263	0.81	ug/l	79
27) cis-1,2-Dichloroethene	4.61	96	972	0.91	ug/l	97
28) Bromochloromethane	5.03	49	491	0.81	ug/l #	80
29) Tetrahydrofuran	5.19	42	3492	5.21	ug/l	90
30) Chloroform	5.24	83	1513	0.83	ug/l	92
31) Cyclohexane	5.59	56	1334	0.89	ug/l #	89
32) 1,1,1-Trichloroethane	5.50	97	1420	0.82	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	1267	0.84	ug/l	88
37) Ethyl Acetate	4.88	43	1984	1.01	ug/l #	76
38) Carbon Tetrachloride	5.79	117	1430	0.84	ug/l	95

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

39) Methylcyclohexane	7.48	83	1467	0.80	ug/l #	84
40) Benzene	6.17	78	3638	0.85	ug/l #	83
41) Methacrylonitrile	5.06	41	1080	1.08	ug/l #	64
42) 1,2-Dichloroethane	6.21	62	1266	0.83	ug/l	99
43) Isopropyl Acetate	6.48	43	2525	0.86	ug/l #	93
44) Trichloroethene	7.22	130	1085	0.82	ug/l	90
45) 1,2-Dichloropropane	7.52	63	899	0.86	ug/l #	89
46) Dibromomethane	7.67	93	670	0.83	ug/l	93
47) Bromodichloromethane	7.91	83	1227	0.79	ug/l #	82
48) Methyl methacrylate	7.79	41	1268	0.88	ug/l	87
49) 1,4-Dioxane	7.77	88	499	12.94	ug/l #	78
51) 4-Methyl-2-Pentanone	8.66	43	8531	4.15	ug/l	95
52) Toluene	8.79	92	2325	0.81	ug/l	96
53) t-1,3-Dichloropropene	8.44	75	1425	0.78	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	1206	0.68	ug/l #	88
55) 1,1,2-Trichloroethane	9.22	97	879	0.73	ug/l #	84
56) Ethyl methacrylate	9.20	69	1363	0.74	ug/l #	89
57) 1,3-Dichloropropane	9.38	76	1534	0.82	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	4025	4.41	ug/l	98
59) 2-Hexanone	9.51	43	7262	4.35	ug/l	94
60) Dibromochloromethane	9.59	129	882	0.64	ug/l	84
61) 1,2-Dibromoethane	9.68	107	898	0.68	ug/l	93
64) Tetrachloroethene	9.34	164	921	0.75	ug/l	93
65) Chlorobenzene	10.15	112	2641	0.77	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.23	131	952	0.77	ug/l #	63
67) Ethyl Benzene	10.26	91	4665	0.82	ug/l	99
68) m/p-Xylenes	10.37	106	3499	1.54	ug/l	95
69) o-Xylene	10.71	106	1731	0.79	ug/l	96
70) Styrene	10.72	104	2506	0.67	ug/l	90
71) Bromoform	10.86	173	688	0.59	ug/l #	95
73) Isopropylbenzene	11.02	105	4668	0.83	ug/l	99
74) N-amyl acetate	6.48	43	2525	0.90	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	1666	0.87	ug/l	92
76) 1,2,3-Trichloropropane	11.30	75	1455m	0.87	ug/l	
77) Bromobenzene	11.26	156	1288	0.85	ug/l	93
78) n-propylbenzene	11.37	91	5565	0.86	ug/l	97
79) 2-Chlorotoluene	11.43	91	3103	0.83	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	3807	0.81	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.09	75	439m	0.65	ug/l	
82) 4-Chlorotoluene	11.52	91	4035	0.90	ug/l	95
83) tert-Butylbenzene	11.78	119	3898	0.82	ug/l	95
84) 1,2,4-Trimethylbenzene	11.82	105	3861	0.80	ug/l	95
85) sec-Butylbenzene	11.96	105	4967	0.85	ug/l	99
86) p-Isopropyltoluene	12.07	119	4187	0.80	ug/l	91
87) 1,3-Dichlorobenzene	12.04	146	2398	0.84	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	2401m	0.82	ug/l	
89) n-Butylbenzene	12.40	91	4133	0.84	ug/l	99
90) Hexachloroethane	12.60	117	719	0.78	ug/l	85
91) 1,2-Dichlorobenzene	12.40	146	2424	0.86	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	13.01	75	485	0.89	ug/l	80

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1927	0.90	ug/l	96
94) Hexachlorobutadiene	13.79	225	808	0.80	ug/l	96
95) Naphthalene	13.84	128	5792	0.83	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1717	0.82	ug/l	97

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

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