

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000064.D
 Acq On : 12 Feb 2018 14:25
 Operator : JC/MD
 Sample : MDL 02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL 02

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 11:44:50 AM

Quant Time: Feb 16 11:37:05 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	117474	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	192689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	180290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	97152	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	62370	50.81	ug/l	0.00
Spiked Amount						
			Recovery	=	101.62%	
35) Dibromofluoromethane	5.52	113	53027	47.13	ug/l	0.00
Spiked Amount						
			Recovery	=	94.26%	
50) Toluene-d8	8.73	98	194466	46.44	ug/l	0.00
Spiked Amount						
			Recovery	=	92.88%	
62) 4-Bromofluorobenzene	11.15	95	77801	45.69	ug/l	0.00
Spiked Amount						
			Recovery	=	91.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	1022	0.96	ug/l	94
3) Chloromethane	1.32	50	930	0.86	ug/l #	80
4) Vinyl Chloride	1.41	62	1025	0.84	ug/l	92
5) Bromomethane	1.65	94	1149	1.76	ug/l	84
6) Chloroethane	1.73	64	955m	1.30	ug/l	
7) Trichlorofluoromethane	1.93	101	1789	0.84	ug/l	94
8) Diethyl Ether	2.20	74	585	0.76	ug/l #	46
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1062	0.88	ug/l	96
10) Methyl Iodide	2.51	142	880	2.28	ug/l #	84
11) Tert butyl alcohol	3.07	59	2088	4.25	ug/l	97
12) 1,1-Dichloroethene	2.38	96	980	0.86	ug/l #	78
13) Acrolein	2.30	56	1281	5.08	ug/l #	77
14) Allyl chloride	2.73	41	1595	0.80	ug/l	98
15) Acrylonitrile	3.15	53	3646	4.26	ug/l	97
16) Acetone	2.45	43	3403	4.68	ug/l	91
17) Carbon Disulfide	2.57	76	2837	0.85	ug/l #	92
18) Methyl Acetate	2.79	43	1737	0.95	ug/l	98
19) Methyl tert-butyl Ether	3.22	73	3251	0.83	ug/l	96
20) Methylene Chloride	2.86	84	1181	0.97	ug/l #	84
21) trans-1,2-Dichloroethene	3.17	96	1085	0.88	ug/l #	90
22) Diisopropyl ether	3.89	45	2638	0.80	ug/l #	84
23) Vinyl Acetate	3.84	43	10942	3.69	ug/l #	90
24) 1,1-Dichloroethane	3.70	63	1803	0.88	ug/l #	83
25) 2-Butanone	4.73	43	4950	4.51	ug/l	89
26) 2,2-Dichloropropane	4.59	77	1561	0.89	ug/l	94
27) cis-1,2-Dichloroethene	4.61	96	1054	0.88	ug/l	89
28) Bromochloromethane	5.02	49	282	0.42	ug/l #	27
29) Tetrahydrofuran	5.18	42	3491	4.65	ug/l	93
30) Chloroform	5.23	83	1699	0.83	ug/l	89
31) Cyclohexane	5.59	56	1509	0.90	ug/l #	81
32) 1,1,1-Trichloroethane	5.50	97	1537	0.79	ug/l #	48
36) 1,1-Dichloropropene	5.81	75	1581	0.94	ug/l #	74
37) Ethyl Acetate	4.88	43	1964	0.91	ug/l #	81
38) Carbon Tetrachloride	5.80	117	1427	0.76	ug/l	91

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39) Methylcyclohexane	7.47	83	1529	0.75	ug/l	93
40) Benzene	6.16	78	3501	0.74	ug/l	95
41) Methacrylonitrile	5.08	41	1235	1.11	ug/l #	84
42) 1,2-Dichloroethane	6.21	62	1362	0.80	ug/l	89
43) Isopropyl Acetate	6.48	43	2550	0.78	ug/l	94
44) Trichloroethene	7.23	130	1063	0.72	ug/l	85
45) 1,2-Dichloropropane	7.52	63	925	0.80	ug/l #	85
46) Dibromomethane	7.68	93	714	0.80	ug/l	89
47) Bromodichloromethane	7.91	83	1160	0.67	ug/l #	80
48) Methyl methacrylate	7.79	41	1258	0.78	ug/l	90
49) 1,4-Dioxane	7.77	88	510	11.94	ug/l #	87
51) 4-Methyl-2-Pentanone	8.66	43	8394	3.69	ug/l	96
52) Toluene	8.79	92	2383	0.75	ug/l	98
53) t-1,3-Dichloropropene	8.45	75	1401	0.69	ug/l #	87
54) cis-1,3-Dichloropropene	9.05	75	1358	0.69	ug/l	92
55) 1,1,2-Trichloroethane	9.23	97	1009	0.76	ug/l #	76
56) Ethyl methacrylate	9.19	69	1458	0.71	ug/l #	81
57) 1,3-Dichloropropane	9.38	76	1622	0.78	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	3816	3.77	ug/l	98
59) 2-Hexanone	9.51	43	6830	3.69	ug/l	100
60) Dibromochloromethane	9.59	129	1044	0.68	ug/l	95
61) 1,2-Dibromoethane	9.68	107	1091	0.74	ug/l	98
64) Tetrachloroethene	9.35	164	971	0.72	ug/l	91
65) Chlorobenzene	10.15	112	2829	0.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	915	0.68	ug/l #	59
67) Ethyl Benzene	10.26	91	4809	0.77	ug/l #	85
68) m/p-Xylenes	10.37	106	3590	1.45	ug/l	97
69) o-Xylene	10.71	106	1749	0.73	ug/l	92
70) Styrene	10.72	104	2747	0.68	ug/l	95
71) Bromoform	10.87	173	814	0.64	ug/l #	92
73) Isopropylbenzene	11.03	105	5127	0.83	ug/l	97
74) N-amyl acetate	6.48	43	2550	0.83	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.28	83	1604	0.76	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	1970	1.08	ug/l	74
77) Bromobenzene	11.27	156	1321	0.79	ug/l	86
78) n-propylbenzene	11.37	91	5818	0.81	ug/l	92
79) 2-Chlorotoluene	11.43	91	3357	0.81	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	4256	0.82	ug/l	93
81) trans-1,4-Dichloro-2-buten	11.15	75	39600	53.55	ug/l #	11
82) 4-Chlorotoluene	11.52	91	3958	0.80	ug/l	94
83) tert-Butylbenzene	11.78	119	4063	0.78	ug/l	97
84) 1,2,4-Trimethylbenzene	11.82	105	3831	0.72	ug/l	91
85) sec-Butylbenzene	11.96	105	5025	0.78	ug/l	100
86) p-Isopropyltoluene	12.07	119	4486	0.78	ug/l	95
87) 1,3-Dichlorobenzene	12.03	146	2501	0.79	ug/l	95
88) 1,4-Dichlorobenzene	12.03	146	2501	0.78	ug/l	96
89) n-Butylbenzene	12.40	91	4225	0.78	ug/l	95
90) Hexachloroethane	12.60	117	681	0.67	ug/l	86
91) 1,2-Dichlorobenzene	12.40	146	2366	0.77	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	413	0.69	ug/l	95

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93) 1,2,4-Trichlorobenzene	13.65	180	1814	0.77	ug/l	97
94) Hexachlorobutadiene	13.79	225	813	0.73	ug/l	96
95) Naphthalene	13.84	128	6086	0.79	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1762	0.77	ug/l	96

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

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