

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021318\
 Data File : VX000078.D
 Acq On : 13 Feb 2018 16:16
 Operator : JC/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL06

Manual Integrations
 APPROVED

MMDadoda
 2/16/2018 2:28:02 PM

Quant Time: Feb 16 11:59:36 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	5.67	168	105574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	174243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	166479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	88785	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	58502	53.03	ug/l	0.00
Spiked Amount						
			Recovery	=	106.06%	
35) Dibromofluoromethane	5.51	113	48416	47.59	ug/l	0.00
Spiked Amount						
			Recovery	=	95.18%	
50) Toluene-d8	8.73	98	180023	47.55	ug/l	0.00
Spiked Amount						
			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	11.15	95	71721	46.58	ug/l	0.00
Spiked Amount						
			Recovery	=	93.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	713	0.75	ug/l	98
3) Chloromethane	1.32	50	739	0.76	ug/l #	79
4) Vinyl Chloride	1.41	62	923	0.84	ug/l #	79
5) Bromomethane	1.65	94	961	1.64	ug/l	95
6) Chloroethane	1.73	64	1167	1.77	ug/l #	88
7) Trichlorofluoromethane	1.94	101	1681	0.88	ug/l	90
8) Diethyl Ether	2.19	74	624	0.90	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	2.39	101	932	0.86	ug/l	93
10) Methyl Iodide	2.51	142	911	2.37	ug/l	99
11) Tert butyl alcohol	3.08	59	2062	4.67	ug/l #	92
12) 1,1-Dichloroethene	2.38	96	766	0.75	ug/l	81
13) Acrolein	2.30	56	1008	4.45	ug/l #	66
14) Allyl chloride	2.73	41	1425	0.80	ug/l	98
15) Acrylonitrile	3.16	53	3378	4.39	ug/l #	94
16) Acetone	2.45	43	4021	6.16	ug/l	99
17) Carbon Disulfide	2.58	76	2450	0.82	ug/l #	85
18) Methyl Acetate	2.78	43	1605	0.97	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	3011	0.86	ug/l	91
20) Methylene Chloride	2.87	84	1085	0.99	ug/l #	88
21) trans-1,2-Dichloroethene	3.18	96	922	0.84	ug/l #	86
22) Diisopropyl ether	3.89	45	2271	0.77	ug/l #	91
23) Vinyl Acetate	3.84	43	9694	3.64	ug/l	98
24) 1,1-Dichloroethane	3.71	63	1417	0.77	ug/l #	83
25) 2-Butanone	4.72	43	4695	4.76	ug/l #	80
26) 2,2-Dichloropropane	4.59	77	1259	0.80	ug/l #	63
27) cis-1,2-Dichloroethene	4.61	96	887	0.82	ug/l	94
28) Bromochloromethane	5.04	49	568	0.94	ug/l #	86
29) Tetrahydrofuran	5.18	42	2909	4.31	ug/l	96
30) Chloroform	5.23	83	1434	0.78	ug/l	99
31) Cyclohexane	5.58	56	1144	0.76	ug/l	91
32) 1,1,1-Trichloroethane	5.51	97	1389	0.80	ug/l #	49
36) 1,1-Dichloropropene	5.81	75	1285	0.85	ug/l	88
37) Ethyl Acetate	4.87	43	1695	0.87	ug/l #	85
38) Carbon Tetrachloride	5.80	117	1418	0.83	ug/l #	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.48	83	1285	0.70	ug/l	99
40) Benzene	6.16	78	3104	0.72	ug/l	96
41) Methacrylonitrile	5.07	41	1035	1.03	ug/l #	55
42) 1,2-Dichloroethane	6.21	62	1181	0.77	ug/l #	74
43) Isopropyl Acetate	6.48	43	2274	0.77	ug/l #	92
44) Trichloroethene	7.23	130	987	0.74	ug/l	82
45) 1,2-Dichloropropane	7.53	63	694	0.67	ug/l #	81
46) Dibromomethane	7.67	93	635	0.79	ug/l	88
47) Bromodichloromethane	7.91	83	1059	0.68	ug/l #	91
48) Methyl methacrylate	7.79	41	1067	0.74	ug/l #	81
49) 1,4-Dioxane	7.77	88	505	13.08	ug/l #	88
51) 4-Methyl-2-Pentanone	8.67	43	7691	3.74	ug/l	95
52) Toluene	8.79	92	1999	0.69	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	1231	0.67	ug/l	92
54) cis-1,3-Dichloropropene	9.05	75	1197	0.67	ug/l #	80
55) 1,1,2-Trichloroethane	9.23	97	904	0.75	ug/l	96
56) Ethyl methacrylate	9.20	69	1260	0.68	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	1341	0.71	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	3719	4.06	ug/l	97
59) 2-Hexanone	9.51	43	6351	3.79	ug/l	93
60) Dibromochloromethane	9.59	129	912	0.66	ug/l	100
61) 1,2-Dibromoethane	9.68	107	954	0.72	ug/l	93
64) Tetrachloroethene	9.34	164	900	0.73	ug/l	91
65) Chlorobenzene	10.15	112	2532	0.73	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	821	0.66	ug/l #	64
67) Ethyl Benzene	10.26	91	4249	0.74	ug/l #	87
68) m/p-Xylenes	10.37	106	3381	1.48	ug/l	92
69) o-Xylene	10.71	106	1529	0.69	ug/l	93
70) Styrene	10.72	104	2414	0.65	ug/l	93
71) Bromoform	10.87	173	639	0.54	ug/l #	91
73) Isopropylbenzene	11.03	105	4200	0.75	ug/l	99
74) N-amyl acetate	6.48	43	2274	0.81	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.28	83	1384	0.72	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	1797	1.07	ug/l	75
77) Bromobenzene	11.26	156	1119	0.73	ug/l	93
78) n-propylbenzene	11.37	91	4887	0.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	3039	0.80	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	3525	0.75	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.15	75	37632	55.69	ug/l #	11
82) 4-Chlorotoluene	11.52	91	3498	0.78	ug/l	99
83) tert-Butylbenzene	11.78	119	3657	0.77	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	3526	0.73	ug/l	98
85) sec-Butylbenzene	11.96	105	4345	0.74	ug/l	98
86) p-Isopropyltoluene	12.07	119	3538	0.67	ug/l	89
87) 1,3-Dichlorobenzene	12.04	146	2136	0.74	ug/l	97
88) 1,4-Dichlorobenzene	12.04	146	2136	0.72	ug/l	97
89) n-Butylbenzene	12.40	91	3594	0.73	ug/l	97
90) Hexachloroethane	12.60	117	571	0.62	ug/l	92
91) 1,2-Dichlorobenzene	12.40	146	2074	0.74	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	424	0.77	ug/l	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	1544	0.72	ug/l	95
94) Hexachlorobutadiene	13.79	225	609	0.60	ug/l	95
95) Naphthalene	13.85	128	5367	0.77	ug/l	98
96) 1,2,3-Trichlorobenzene	14.03	180	1595	0.76	ug/l	91

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

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