

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041318\
 Data File : VX000845.D
 Acq On : 13 Apr 2018 13:27
 Operator : JC/MD
 Sample : J2133-09 MDL 0.2PPB
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Manual Integrations
 APPROVED

MMDadoda
 4/16/2018 12:59:57 PM

Quant Time: Apr 14 10:40:49 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	247456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	338997	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	315490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	209697	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	157685	50.54	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	129229	49.48	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.96%	
50) Toluene-d8	8.72	98	478158	49.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	191170	47.52	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	617	0.22	ug/l	84
3) Chloromethane	1.32	50	618	0.26	ug/l	92
4) Vinyl Chloride	1.40	62	605	0.22	ug/l #	79
5) Bromomethane	1.65	94	701	Below Cal	#	58
7) Trichlorofluoromethane	1.93	101	925	0.23	ug/l	98
8) Diethyl Ether	2.20	74	381m	0.25	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.38	101	615	0.26	ug/l	99
12) 1,1-Dichloroethene	2.37	96	679	0.30	ug/l #	80
14) Allyl chloride	2.73	41	1053	0.25	ug/l	98
15) Acrylonitrile	3.15	53	1732	1.47	ug/l #	81
16) Acetone	2.45	43	1913	1.78	ug/l #	86
17) Carbon Disulfide	2.57	76	2194	0.32	ug/l	99
18) Methyl Acetate	2.79	43	1053	0.38	ug/l #	89
19) Methyl tert-butyl Ether	3.21	73	1750	0.23	ug/l #	90
20) Methylene Chloride	2.85	84	1009	0.40	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	872	0.35	ug/l #	73
22) Diisopropyl ether	3.89	45	2467	0.32	ug/l #	63
23) Vinyl Acetate	3.84	43	6927	1.02	ug/l	96
24) 1,1-Dichloroethane	3.70	63	1199	0.28	ug/l #	85
25) 2-Butanone	4.73	43	2398	1.35	ug/l	92
26) 2,2-Dichloropropane	4.59	77	954m	0.22	ug/l	
27) cis-1,2-Dichloroethene	4.61	96	684	0.24	ug/l	90
28) Bromochloromethane	5.02	49	380	0.22	ug/l #	78
29) Tetrahydrofuran	5.18	42	1599	1.42	ug/l	97
30) Chloroform	5.21	83	1069	0.23	ug/l	95
31) Cyclohexane	5.59	56	1213	0.29	ug/l #	85
32) 1,1,1-Trichloroethane	5.51	97	955	0.22	ug/l #	24
36) 1,1-Dichloropropene	5.81	75	1217	0.33	ug/l	80
37) Ethyl Acetate	4.89	43	765	0.21	ug/l #	68
38) Carbon Tetrachloride	5.79	117	1188	0.28	ug/l #	79
39) Methylcyclohexane	7.46	83	1049	0.23	ug/l	96
40) Benzene	6.15	78	2230	0.21	ug/l #	78
42) 1,2-Dichloroethane	6.21	62	775	0.20	ug/l	86
43) Isopropyl Acetate	6.48	43	1343	0.21	ug/l #	67

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	699	0.22	ug/l	92
45) 1,2-Dichloropropane	7.52	63	547	0.21	ug/l #	89
46) Dibromomethane	7.68	93	533	0.29	ug/l #	74
48) Methyl methacrylate	7.79	41	1245	0.38	ug/l #	63
49) 1,4-Dioxane	7.77	88	244	3.75	ug/l #	70
51) 4-Methyl-2-Pentanone	8.66	43	3885	1.06	ug/l	95
52) Toluene	8.79	92	1541	0.22	ug/l	97
53) t-1,3-Dichloropropene	8.45	75	892	0.20	ug/l	96
56) Ethyl methacrylate	9.19	69	918	0.22	ug/l #	80
57) 1,3-Dichloropropane	9.38	76	875	0.20	ug/l #	73
58) 2-Chloroethyl Vinyl ether	8.32	63	1278	0.65	ug/l	99
59) 2-Hexanone	9.51	43	2796	0.99	ug/l	98
61) 1,2-Dibromoethane	9.68	107	654	0.23	ug/l	100
64) Tetrachloroethene	9.35	164	790	0.26	ug/l #	82
65) Chlorobenzene	10.15	112	1735	0.22	ug/l #	81
67) Ethyl Benzene	10.26	91	3019	0.23	ug/l	95
68) m/p-Xylenes	10.37	106	2246	0.43	ug/l	97
69) o-Xylene	10.71	106	1098	0.22	ug/l	95
70) Styrene	10.72	104	1767	0.21	ug/l	94
73) Isopropylbenzene	11.02	105	2752	0.21	ug/l	90
74) N-amyl acetate	6.48	43	1343	0.22	ug/l #	57
75) 1,1,2,2-Tetrachloroethane	11.27	83	873	0.23	ug/l	90
76) 1,2,3-Trichloropropane	11.14	75	92907	25.69	ug/l #	36
77) Bromobenzene	11.26	156	808	0.21	ug/l	84
78) n-propylbenzene	11.37	91	3281	0.22	ug/l	97
79) 2-Chlorotoluene	11.43	91	1992	0.22	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	2298	0.20	ug/l	96
82) 4-Chlorotoluene	11.51	91	2529	0.23	ug/l	97
83) tert-Butylbenzene	11.77	119	2488	0.21	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	2684	0.23	ug/l	97
85) sec-Butylbenzene	11.95	105	2838	0.21	ug/l	98
86) p-Isopropyltoluene	12.07	119	2873	0.22	ug/l #	77
87) 1,3-Dichlorobenzene	12.03	146	1888	0.26	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	2070m	0.28	ug/l	
89) n-Butylbenzene	12.40	91	2605	0.23	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	1627	0.23	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	211	0.22	ug/l	72
93) 1,2,4-Trichlorobenzene	13.65	180	1611	0.27	ug/l	92
94) Hexachlorobutadiene	13.79	225	805	0.28	ug/l	91
95) Naphthalene	13.84	128	3809	0.25	ug/l	96
96) 1,2,3-Trichlorobenzene	14.03	180	1476	0.26	ug/l	92

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

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