

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032421\
 Data File : VX021440.D
 Acq On : 24 Mar 2021 16:55
 Operator : JC/MD
 Sample : M1458-07 .2PPB
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/25/2021 9:50:04 AM

Quant Time: Mar 25 03:28:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032421W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 25 03:23:46 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.629	168	77433	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.835	114	132738	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	115920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	51074	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.035	65	65232	50.63	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	101.26%		
35) Dibromofluoromethane	5.470	113	45235	47.98	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.96%		
50) Toluene-d8	8.694	98	154207	45.90	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.80%#		
62) 4-Bromofluorobenzene	11.118	95	55609	42.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.193	85	211	0.25	ug/l	# 42
3) Chloromethane	1.317	50	2083	1.92	ug/l	98
5) Bromomethane	1.629	94	354	1.01	ug/l	92
6) Chloroethane	1.711	64	124	0.22	ug/l	# 43
7) Trichlorofluoromethane	1.917	101	289	0.20	ug/l	86
8) Diethyl Ether	2.164	74	113	0.23	ug/l	# 18
10) Methyl Iodide	2.493	142	184	0.33	ug/l	# 61
11) Tert butyl alcohol	3.011	59	286m	1.34	ug/l	
13) Acrolein	2.270	56	175	1.48	ug/l	# 14
14) Allyl chloride	2.711	41	390	0.25	ug/l	# 47
15) Acrylonitrile	3.111	53	540	1.07	ug/l	93
16) Acetone	2.423	43	795	1.63	ug/l	# 84
17) Carbon Disulfide	2.552	76	544	0.25	ug/l	# 75
18) Methyl Acetate	2.752	43	624	0.44	ug/l	# 53
19) Methyl tert-butyl Ether	3.176	73	605	0.21	ug/l	# 55
20) Methylene Chloride	2.840	84	469	0.49	ug/l	94
23) Vinyl Acetate	3.794	43	2430	0.93	ug/l	97
24) 1,1-Dichloroethane	3.670	63	336	0.20	ug/l	# 81
25) 2-Butanone	4.647	43	835	1.13	ug/l	# 86
29) Tetrahydrofuran	5.117	42	639m	1.33	ug/l	
37) Ethyl Acetate	4.794	43	559m	0.37	ug/l	
42) 1,2-Dichloroethane	6.170	62	418	0.26	ug/l	# 73
43) Isopropyl Acetate	6.412	43	595	0.24	ug/l	# 57
44) Trichloroethene	7.188	130	436	0.45	ug/l	95
51) 4-Methyl-2-Pentanone	8.624	43	1264	0.84	ug/l	# 84
52) Toluene	8.771	92	482	0.21	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.294	63	1640	2.02	ug/l	96
59) 2-Hexanone	9.477	43	908	0.81	ug/l	77
65) Chlorobenzene	10.130	112	523	0.22	ug/l	# 67
68) m/p-Xylenes	10.341	106	491	0.32	ug/l	86
71) Bromoform	10.836	173	154	0.21	ug/l	# 29
73) Isopropylbenzene	11.000	105	722	0.20	ug/l	87
74) N-amyl acetate	10.877	43	382	0.22	ug/l	# 63
75) 1,1,2,2-Tetrachloroethane	11.247	83	259	0.20	ug/l	# 91
76) 1,2,3-Trichloropropane	11.277	75	242m	0.20	ug/l	
77) Bromobenzene	11.236	156	186	0.21	ug/l	80

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79) 2-Chlorotoluene	11.400	91	533	0.21	ug/l	86
87) 1,3-Dichlorobenzene	12.006	146	327	0.20	ug/l	94
88) 1,4-Dichlorobenzene	12.077	146	410m	0.25	ug/l	
92) 1,2-Dibromo-3-Chloropr...	12.983	75	83	0.28	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.630	180	220	0.22	ug/l #	76
95) Naphthalene	13.812	128	668	0.20	ug/l #	93

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

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