

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
 Data File : VN068021.D
 Acq On : 5 Aug 2021 17:21
 Operator : JC/MD
 Sample : M2940-09 .2PPB MDL
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT3-2021DL

Manual Integrations
 APPROVED

MMDadoda
 8/6/2021 5:42:55 PM

Quant Time: Aug 06 02:09:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 06 02:07:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	295783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	605875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	539794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	170961	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	285394	68.157	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 136.320%			
35) Dibromofluoromethane	8.024	113	203011	57.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 114.980%			
50) Toluene-d8	10.443	98	735885	51.495	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.734	95	218269	44.092	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 88.180%			
Target Compounds						Qvalue
3) Chloromethane	2.301	50	1181	0.314	ug/l #	87
5) Bromomethane	2.859	94	2550m	0.487	ug/l	
6) Chloroethane	3.020	64	1192	0.262	ug/l #	77
11) Tert butyl alcohol	5.388	59	166	0.296	ug/l #	71
13) Acrolein	4.036	56	539	1.416	ug/l #	68
15) Acrylonitrile	5.573	53	1516m	0.964	ug/l	
16) Acetone	4.307	43	3295m	2.157	ug/l	
18) Methyl Acetate	4.875	43	8816m	2.237	ug/l	
20) Methylene Chloride	5.095	84	8978	2.289	ug/l	85
23) Vinyl Acetate	6.439	43	6059	0.688	ug/l #	95
25) 2-Butanone	7.346	43	2263m	1.021	ug/l	
29) Tetrahydrofuran	7.702	42	1365	0.962	ug/l #	61
30) Chloroform	7.818	83	1516	0.224	ug/l	87
31) Cyclohexane	8.086	56	8074	1.307	ug/l #	20
42) 1,2-Dichloroethane	8.528	62	1585	0.259	ug/l #	79
43) Isopropyl Acetate	8.606	43	5754	0.655	ug/l #	58
48) Methyl methacrylate	9.564	41	925m	0.244	ug/l	
49) 1,4-Dioxane	9.580	88	54	0.772	ug/l #	20
51) 4-Methyl-2-Pentanone	10.336	43	5051	0.932	ug/l #	80
58) 2-Chloroethyl Vinyl ether	10.038	63	654	0.650	ug/l #	50
59) 2-Hexanone	11.092	43	4285	1.101	ug/l	84
68) m/p-Xylenes	11.956	106	1956	0.267	ug/l	86
74) N-amyl acetate	12.404	43	1062m	0.219	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.827	83	876	0.208	ug/l #	92
88) 1,4-Dichlorobenzene	13.696	146	1171	0.202	ug/l #	55

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

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