Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022123\
Data File : VN076753.D
Acq On : 21 Feb 2023 16:25
Operator : JC\MD
Sample : 01627-07
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 22 04:12:29 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	211787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	389303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	336932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	133914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	219081	74.913	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 149.820%#			
35) Dibromofluoromethane	8.172	113	164988	64.714	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 129.420%#			
50) Toluene-d8	10.571	98	613115	64.395	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 128.800%#			
62) 4-Bromofluorobenzene	12.854	95	174513	55.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.680%			
Target Compounds						Qvalue
3) Chloromethane	2.378	50	1045	0.356	ug/l #	79
4) Vinyl Chloride	2.531	62	581	0.201	ug/l #	45
5) Bromomethane	2.966	94	759	0.434	ug/l #	63
11) Tert butyl alcohol	5.519	59	111	0.288	ug/l #	71
13) Acrolein	4.195	56	1066m	1.839	ug/l	
15) Acrylonitrile	5.760	53	840m	0.613	ug/l	
16) Acetone	4.442	43	1475	1.129	ug/l #	42
18) Methyl Acetate	5.072	43	1167	0.274	ug/l #	54
20) Methylene Chloride	5.289	84	1746	0.638	ug/l #	44
21) trans-1,2-Dichloroethene	5.807	96	517	0.210	ug/l #	12
23) Vinyl Acetate	6.625	43	4425	0.842	ug/l #	73
24) 1,1-Dichloroethane	6.589	63	1032	0.212	ug/l #	81
25) 2-Butanone	7.501	43	1479	0.768	ug/l #	82
28) Bromochloromethane	7.830	49	665	0.287	ug/l #	59
29) Tetrahydrofuran	7.836	42	537	0.427	ug/l #	45
30) Chloroform	7.983	83	1072m	0.220	ug/l	
31) Cyclohexane	8.230	56	7560	1.648	ug/l #	57
38) Carbon Tetrachloride	8.372	117	985	0.265	ug/l #	38
40) Benzene	8.613	78	2540	0.225	ug/l #	77
42) 1,2-Dichloroethane	8.672	62	923	0.234	ug/l	100
44) Trichloroethene	9.348	130	648	0.242	ug/l	55
48) Methyl methacrylate	9.683	41	763	0.255	ug/l #	44
49) 1,4-Dioxane	9.672	88	64	1.236	ug/l #	23
51) 4-Methyl-2-Pentanone	10.442	43	3850	0.960	ug/l #	80
58) 2-Chloroethyl Vinyl ether	10.166	63	1756	0.981	ug/l #	68
59) 2-Hexanone	11.195	43	2518	0.870	ug/l	82
64) Tetrachloroethene	11.113	164	480	0.226	ug/l #	38
68) m/p-Xylenes	12.066	106	1683	0.359	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.936	83	797	0.224	ug/l #	90
76) 1,2,3-Trichloropropane	13.007	75	1108m	0.409	ug/l	
77) Bromobenzene	12.983	156	491	0.200	ug/l	49
78) n-propylbenzene	13.042	91	2900	0.252	ug/l	84
87) 1,3-Dichlorobenzene	13.724	146	957	0.207	ug/l	83
88) 1,4-Dichlorobenzene	13.818	146	1644m	0.357	ug/l	
89) n-Butylbenzene	14.065	91	1509	0.212	ug/l #	76
95) Naphthalene	15.642	128	2161	0.301	ug/l #	84

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.848	180	645	0.281	ug/l #	68

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

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