Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021125\
Data File : BN036428.D
Acq On : 11 Feb 2025 17:52
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 0.2 PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Quant Time: Feb 12 00:13:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	1999	0.400	ng		0.00
7) Naphthalene-d8	10.552	136	4855	0.400	ng	#	0.01
13) Acenaphthene-d10	14.388	164	3151	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	7224	0.400	ng		0.00
29) Chrysene-d12	21.322	240	6381	0.400	ng		0.00
35) Perylene-d12	23.595	264	6445	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	1725	0.365	ng		0.00
5) Phenol-d6	6.930	99	1981	0.357	ng		0.00
8) Nitrobenzene-d5	8.907	82	1403	0.293	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	3952	0.530	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	510	0.326	ng		0.01
15) 2-Fluorobiphenyl	13.019	172	3667	0.310	ng		0.00
27) Fluoranthene-d10	19.169	212	10602	0.528	ng		0.00
31) Terphenyl-d14	19.768	244	4504	0.331	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	451	0.206	ng		94
3) n-Nitrosodimethylamine	3.579	42	695	0.183	ng	#	99
6) bis(2-Chloroethyl)ether	7.176	93	1108	0.191	ng		96
9) Naphthalene	10.594	128	2586	0.185	ng	#	95
10) Hexachlorobutadiene	10.883	225	665	0.195	ng	#	100
12) 2-Methylnaphthalene	12.212	142	1680	0.183	ng		97
16) Acenaphthylene	14.110	152	2760	0.198	ng		100
17) Acenaphthene	14.452	154	1863	0.200	ng		97
18) Fluorene	15.446	166	2550	0.193	ng		98
20) 4,6-Dinitro-2-methylph...	15.535	198	188	0.133	ng	#	57
21) 4-Bromophenyl-phenylether	16.342	248	775	0.180	ng	#	80
22) Hexachlorobenzene	16.453	284	1050	0.197	ng		98
23) Atrazine	16.615	200	681	0.189	ng	#	93
24) Pentachlorophenol	16.801	266	463	0.183	ng		95
25) Phenanthrene	17.173	178	3926	0.188	ng		100
26) Anthracene	17.273	178	3573	0.194	ng		99
28) Fluoranthene	19.197	202	4719	0.184	ng		99
30) Pyrene	19.564	202	4779	0.194	ng		99
32) Benzo(a)anthracene	21.304	228	4133	0.197	ng		98
33) Chrysene	21.358	228	4542	0.200	ng		99
34) Bis(2-ethylhexyl)phtha...	21.241	149	2667	0.204	ng		98
36) Indeno(1,2,3-cd)pyrene	25.899	276	4747	0.211	ng		98
37) Benzo(b)fluoranthene	22.911	252	4545	0.214	ng	#	75
38) Benzo(k)fluoranthene	22.955	252	4572	0.209	ng	#	85
39) Benzo(a)pyrene	23.496	252	4005	0.216	ng	#	62
40) Dibenzo(a,h)anthracene	25.914	278	3802	0.214	ng	#	89
41) Benzo(g,h,i)perylene	26.601	276	4229	0.210	ng		95

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

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