Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037703.D
Acq On : 11 Sep 2025 17:10
Operator : RC/JU
Sample : Q2893-09
Misc : MDL-WATER 0.2ng
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2025

Quant Time: Sep 11 18:14:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	4069	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	10666	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	4928	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	8855	0.400	ng		0.00
29) Chrysene-d12	21.420	240	7304	0.400	ng		0.00
35) Perylene-d12	23.750	264	7594	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2991	0.320	ng		0.00
5) Phenol-d6	6.988	99	3944	0.326	ng		0.00
8) Nitrobenzene-d5	8.993	82	2986	0.383	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	5808	0.411	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	406	0.316	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	7990	0.388	ng		0.00
27) Fluoranthene-d10	19.271	212	9254	0.416	ng		0.00
31) Terphenyl-d14	19.870	244	5998	0.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	931	0.220	ng		96
3) n-Nitrosodimethylamine	3.608	42	1081	0.195	ng		93
6) bis(2-Chloroethyl)ether	7.255	93	2233	0.206	ng		99
9) Naphthalene	10.690	128	5791	0.199	ng		97
10) Hexachlorobutadiene	11.000	225	1142	0.217	ng	#	99
12) 2-Methylnaphthalene	12.314	142	3220	0.179	ng		99
16) Acenaphthylene	14.206	152	4700	0.208	ng		99
17) Acenaphthene	14.559	154	2964	0.194	ng		98
18) Fluorene	15.535	166	3624	0.196	ng		98
20) 4,6-Dinitro-2-methylph...	15.609	198	145	0.177	ng	#	48
21) 4-Bromophenyl-phenylether	16.441	248	1121	0.194	ng		96
22) Hexachlorobenzene	16.553	284	1335	0.201	ng		98
23) Atrazine	16.702	200	701	0.191	ng		97
24) Pentachlorophenol	16.888	266	375	0.194	ng		96
25) Phenanthrene	17.285	178	5655	0.203	ng		99
26) Anthracene	17.372	178	4942	0.200	ng		99
28) Fluoranthene	19.299	202	5795	0.190	ng		100
30) Pyrene	19.661	202	5716	0.200	ng		100
32) Benzo(a)anthracene	21.402	228	5127	0.201	ng		99
33) Chrysene	21.456	228	5411	0.198	ng		98
34) Bis(2-ethylhexyl)phtha...	21.348	149	1645	0.218	ng		97
36) Indeno(1,2,3-cd)pyrene	26.142	276	6208	0.195	ng		97
37) Benzo(b)fluoranthene	23.046	252	5460	0.183	ng	#	91
38) Benzo(k)fluoranthene	23.092	252	5992	0.197	ng	#	86
39) Benzo(a)pyrene	23.648	252	4765	0.199	ng	#	87
40) Dibenzo(a,h)anthracene	26.159	278	4911	0.193	ng	#	89
41) Benzo(g,h,i)perylene	26.864	276	5244	0.183	ng		95

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

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