Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071125\
Data File : BN037476.D
Acq On : 11 Jul 2025 16:39
Operator : RC/JU
Sample : Q2126-09
Misc : MDL-WATER-0.1 PPM
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 17 04:45:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 11 15:38:34 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT2-2025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 07/14/2025
Supervised By :Jagrut Upadhyay 07/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.731	152	2080	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	4846	0.400	ng		0.00
13) Acenaphthene-d10	14.355	164	2233	0.400	ng		-0.01
19) Phenanthrene-d10	17.099	188	4100	0.400	ng		0.00
29) Chrysene-d12	21.286	240	3013	0.400	ng	#	0.00
35) Perylene-d12	23.534	264	3272	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	1251	0.258	ng		0.00
5) Phenol-d6	6.894	99	1537	0.252	ng		0.00
8) Nitrobenzene-d5	8.864	82	1063	0.302	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	2267	0.344	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	179	0.236	ng		0.00
15) 2-Fluorobiphenyl	12.988	172	4179	0.328	ng		0.00
27) Fluoranthene-d10	19.132	212	3552	0.343	ng		0.00
31) Terphenyl-d14	19.740	244	2105	0.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	195	0.100	ng		97
3) n-Nitrosodimethylamine	3.564	42	221	0.085	ng	#	97
6) bis(2-Chloroethyl)ether	7.154	93	464	0.091	ng		99
9) Naphthalene	10.562	128	1103	0.085	ng	#	89
10) Hexachlorobutadiene	10.861	225	284	0.091	ng	#	100
12) 2-Methylnaphthalene	12.177	142	618	0.076	ng		96
16) Acenaphthylene	14.077	152	957	0.094	ng		100
17) Acenaphthene	14.420	154	573	0.084	ng		98
18) Fluorene	15.414	166	712	0.083	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	31	0.067	ng	#	46
21) 4-Bromophenyl-phenylether	16.304	248	220	0.086	ng		94
22) Hexachlorobenzene	16.416	284	320	0.091	ng		96
23) Atrazine	16.565	200	108	0.085	ng	#	78
24) Pentachlorophenol	16.751	266	91	0.075	ng		93
25) Phenanthrene	17.136	178	1065	0.085	ng		96
26) Anthracene	17.235	178	936	0.083	ng		99
28) Fluoranthene	19.164	202	1083	0.079	ng		98
30) Pyrene	19.526	202	1045	0.086	ng		99
32) Benzo(a)anthracene	21.277	228	883	0.087	ng		95
33) Chrysene	21.322	228	960m	0.086	ng		
34) Bis(2-ethylhexyl)phtha...	21.232	149	362	0.104	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.805	276	1047	0.082	ng	#	89
37) Benzo(b)fluoranthene	22.858	252	857	0.067	ng	#	74
38) Benzo(k)fluoranthene	22.905	252	1033	0.080	ng	#	58
39) Benzo(a)pyrene	23.437	252	746	0.073	ng	#	72
40) Dibenzo(a,h)anthracene	25.829	278	839	0.082	ng	#	61
41) Benzo(g,h,i)perylene	26.495	276	844	0.075	ng	#	82

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

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