Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038022.D
Acq On : 06 Oct 2025 23:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/07/2025
Supervised By :Jagrut Upadhyay 10/07/2025

Quant Time: Oct 07 01:41:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	8262	0.400	ng		-0.02
7) Naphthalene-d8	10.605	136	22968	0.400	ng		-0.02
13) Acenaphthene-d10	14.462	164	12134	0.400	ng		-0.01
19) Phenanthrene-d10	17.210	188	22733	0.400	ng		-0.01
29) Chrysene-d12	21.384	240	13562	0.400	ng		#-0.02
35) Perylene-d12	23.703	264	10530	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.370	112	6312	0.335	ng		-0.01
5) Phenol-d6	6.959	99	8816	0.356	ng		-0.01
8) Nitrobenzene-d5	8.950	82	6668	0.381	ng		-0.02
11) 2-Methylnaphthalene-d10	12.202	152	11565	0.362	ng		-0.02
14) 2,4,6-Tribromophenol	15.944	330	1512	0.329	ng		-0.02
15) 2-Fluorobiphenyl	13.083	172	19165	0.386	ng		-0.01
27) Fluoranthene-d10	19.238	212	18490	0.323	ng		-0.01
31) Terphenyl-d14	19.838	244	12280	0.455	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	3071	0.366	ng		98
3) n-Nitrosodimethylamine	3.593	42	3991	0.358	ng	#	89
6) bis(2-Chloroethyl)ether	7.226	93	8808	0.383	ng		98
9) Naphthalene	10.658	128	24498	0.387	ng		99
10) Hexachlorobutadiene	10.957	225	4360	0.404	ng	#	99
12) 2-Methylnaphthalene	12.273	142	15485	0.375	ng		98
16) Acenaphthylene	14.174	152	21062	0.382	ng		100
17) Acenaphthene	14.516	154	14495	0.369	ng		98
18) Fluorene	15.510	166	16302	0.343	ng		99
20) 4,6-Dinitro-2-methylph...	15.584	198	897	0.375	ng	#	88
21) 4-Bromophenyl-phenylether	16.404	248	5704	0.385	ng	#	87
22) Hexachlorobenzene	16.515	284	7267	0.405	ng		98
23) Atrazine	16.664	200	3424	0.304	ng	#	91
24) Pentachlorophenol	16.863	266	5132	0.833	ng		97
25) Phenanthrene	17.248	178	28024	0.375	ng		100
26) Anthracene	17.335	178	23199	0.357	ng		100
28) Fluoranthene	19.266	202	27243	0.331	ng		99
30) Pyrene	19.629	202	26066	0.487	ng		100
32) Benzo(a)anthracene	21.366	228	17879	0.377	ng		100
33) Chrysene	21.420	228	20217	0.394	ng		100
34) Bis(2-ethylhexyl)phtha...	21.304	149	5945	0.317	ng		100
36) Indeno(1,2,3-cd)pyrene	26.069	276	19936	0.414	ng		97
37) Benzo(b)fluoranthene	23.005	252	18682m	0.411	ng		
38) Benzo(k)fluoranthene	23.048	252	17538	0.384	ng		96
39) Benzo(a)pyrene	23.601	252	13760	0.383	ng	#	89
40) Dibenzo(a,h)anthracene	26.083	278	15307	0.407	ng		97
41) Benzo(g,h,i)perylene	26.791	276	16776	0.425	ng		98

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

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