Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038020.D
Acq On : 06 Oct 2025 21:37
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

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

Quant Time: Oct 07 01:40:34 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	7936	0.400	ng	-0.02
7) Naphthalene-d8	10.605	136	23937	0.400	ng	-0.02
13) Acenaphthene-d10	14.462	164	12373	0.400	ng	-0.01
19) Phenanthrene-d10	17.211	188	23603	0.400	ng	-0.01
29) Chrysene-d12	21.384	240	14072	0.400	ng	#-0.02
35) Perylene-d12	23.703	264	10742	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.370	112	6706	0.370	ng	-0.01
5) Phenol-d6	6.959	99	8748	0.368	ng	-0.01
8) Nitrobenzene-d5	8.950	82	6502	0.356	ng	-0.02
11) 2-Methylnaphthalene-d10	12.202	152	11781	0.354	ng	-0.02
14) 2,4,6-Tribromophenol	15.945	330	1600	0.341	ng	-0.02
15) 2-Fluorobiphenyl	13.083	172	19178	0.379	ng	-0.01
27) Fluoranthene-d10	19.239	212	19477	0.328	ng	-0.01
31) Terphenyl-d14	19.838	244	13299	0.474	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	3237	0.402	ng	97
3) n-Nitrosodimethylamine	3.593	42	4063	0.379	ng	# 93
6) bis(2-Chloroethyl)ether	7.226	93	8633	0.391	ng	99
9) Naphthalene	10.658	128	24925	0.378	ng	99
10) Hexachlorobutadiene	10.957	225	4199	0.373	ng	# 99
12) 2-Methylnaphthalene	12.273	142	15816	0.367	ng	100
16) Acenaphthylene	14.174	152	21142	0.376	ng	99
17) Acenaphthene	14.516	154	15055	0.376	ng	99
18) Fluorene	15.510	166	16932	0.350	ng	100
20) 4,6-Dinitro-2-methylph...	15.585	198	923	0.372	ng	97
21) 4-Bromophenyl-phenylether	16.404	248	5756	0.374	ng	# 88
22) Hexachlorobenzene	16.515	284	7383	0.396	ng	100
23) Atrazine	16.664	200	3496	0.298	ng	# 89
24) Pentachlorophenol	16.863	266	1923	0.301	ng	97
25) Phenanthrene	17.248	178	28792	0.371	ng	99
26) Anthracene	17.335	178	24169	0.359	ng	100
28) Fluoranthene	19.266	202	28272	0.331	ng	100
30) Pyrene	19.629	202	27216	0.490	ng	100
32) Benzo(a)anthracene	21.366	228	18411	0.374	ng	99
33) Chrysene	21.420	228	20951	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.304	149	6284	0.323	ng	99
36) Indeno(1,2,3-cd)pyrene	26.069	276	20420	0.416	ng	98
37) Benzo(b)fluoranthene	23.002	252	18912m	0.408	ng	
38) Benzo(k)fluoranthene	23.049	252	17699	0.380	ng	95
39) Benzo(a)pyrene	23.604	252	14141	0.386	ng	# 90
40) Dibenzo(a,h)anthracene	26.086	278	15795	0.412	ng	97
41) Benzo(g,h,i)perylene	26.791	276	17318	0.430	ng	99

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

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