Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090925\
Data File : BN037668.D
Acq On : 09 Sep 2025 17:08
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 10 01:50:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 01:49:31 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/10/2025
Supervised By :Jagrut Upadhyay 09/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	5688	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	15859	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	8353	0.400	ng		0.00
19) Phenanthrene-d10	17.248	188	15824	0.400	ng		0.00
29) Chrysene-d12	21.420	240	13367	0.400	ng		0.00
35) Perylene-d12	23.753	264	14010	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	2968	0.204	ng		0.00
5) Phenol-d6	6.988	99	3726	0.204	ng		0.00
8) Nitrobenzene-d5	8.993	82	1840	0.188	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	4310	0.193	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	418	0.180	ng		0.00
15) 2-Fluorobiphenyl	13.126	172	6381	0.194	ng		0.00
27) Fluoranthene-d10	19.271	212	7822	0.192	ng		0.00
31) Terphenyl-d14	19.875	244	5633	0.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1296	0.210	ng		100
3) n-Nitrosodimethylamine	3.608	42	1550	0.199	ng		97
6) bis(2-Chloroethyl)ether	7.262	93	3079	0.199	ng		98
9) Naphthalene	10.701	128	8496	0.198	ng		97
10) Hexachlorobutadiene	11.000	225	1504	0.198	ng	#	100
12) 2-Methylnaphthalene	12.319	142	5436	0.195	ng		98
16) Acenaphthylene	14.217	152	7590	0.194	ng		100
17) Acenaphthene	14.559	154	4790	0.191	ng		99
18) Fluorene	15.547	166	5915	0.193	ng		97
20) 4,6-Dinitro-2-methylph...	15.609	198	151	0.171	ng	#	12
21) 4-Bromophenyl-phenylether	16.441	248	1982	0.191	ng		99
22) Hexachlorobenzene	16.553	284	2068	0.189	ng		97
23) Atrazine	16.702	200	1178	0.182	ng		95
24) Pentachlorophenol	16.900	266	909	0.248	ng		93
25) Phenanthrene	17.285	178	9321	0.193	ng		99
26) Anthracene	17.372	178	8586	0.191	ng		99
28) Fluoranthene	19.304	202	10428	0.192	ng		100
30) Pyrene	19.661	202	10631	0.199	ng		100
32) Benzo(a)anthracene	21.402	228	9246	0.194	ng		99
33) Chrysene	21.456	228	9555	0.197	ng		99
34) Bis(2-ethylhexyl)phtha...	21.357	149	2571	0.194	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.145	276	9363	0.176	ng		99
37) Benzo(b)fluoranthene	23.049	252	9977	0.193	ng		95
38) Benzo(k)fluoranthene	23.095	252	9443m	0.186	ng		
39) Benzo(a)pyrene	23.651	252	8012	0.186	ng	#	92
40) Dibenzo(a,h)anthracene	26.165	278	6537	0.164	ng	#	91
41) Benzo(g,h,i)perylene	26.870	276	8924	0.185	ng		95

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

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