Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091125\
Data File : BN037692.D
Acq On : 11 Sep 2025 10:32
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 14:05:36 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 14:02:44 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	5547	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	15018	0.400	ng		0.00
13) Acenaphthene-d10	14.494	164	6952	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	12385	0.400	ng		0.00
29) Chrysene-d12	21.420	240	9324	0.400	ng		0.00
35) Perylene-d12	23.753	264	9364	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	2533	0.199	ng		0.00
5) Phenol-d6	6.988	99	3308	0.200	ng		0.00
8) Nitrobenzene-d5	8.993	82	2098	0.191	ng		0.00
11) 2-Methylnaphthalene-d10	12.243	152	3732	0.188	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	340	0.188	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	5791	0.199	ng		0.00
27) Fluoranthene-d10	19.271	212	5492	0.177	ng		0.00
31) Terphenyl-d14	19.870	244	3884	0.205	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	1189	0.206	ng		99
3) n-Nitrosodimethylamine	3.608	42	1470	0.195	ng	#	93
6) bis(2-Chloroethyl)ether	7.255	93	2982	0.202	ng		100
9) Naphthalene	10.701	128	8051	0.196	ng		99
10) Hexachlorobutadiene	11.000	225	1472	0.198	ng	#	100
12) 2-Methylnaphthalene	12.314	142	4889	0.193	ng		100
16) Acenaphthylene	14.216	152	6105	0.191	ng		98
17) Acenaphthene	14.559	154	4168	0.193	ng		98
18) Fluorene	15.535	166	4875	0.187	ng		97
20) 4,6-Dinitro-2-methylph...	15.609	198	201	0.175	ng	#	58
21) 4-Bromophenyl-phenylether	16.441	248	1560	0.193	ng		97
22) Hexachlorobenzene	16.553	284	1906	0.205	ng		99
23) Atrazine	16.702	200	932	0.181	ng		96
24) Pentachlorophenol	16.888	266	461	0.171	ng		98
25) Phenanthrene	17.285	178	7526	0.193	ng		98
26) Anthracene	17.372	178	6375	0.185	ng		99
28) Fluoranthene	19.299	202	7577	0.177	ng		100
30) Pyrene	19.661	202	7543	0.207	ng		99
32) Benzo(a)anthracene	21.402	228	6270	0.193	ng		99
33) Chrysene	21.456	228	6953	0.199	ng		98
34) Bis(2-ethylhexyl)phtha...	21.348	149	2049	0.213	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.142	276	6982	0.177	ng		99
37) Benzo(b)fluoranthene	23.046	252	6907	0.187	ng	#	93
38) Benzo(k)fluoranthene	23.092	252	7226m	0.192	ng		
39) Benzo(a)pyrene	23.651	252	5489	0.186	ng	#	92
40) Dibenzo(a,h)anthracene	26.165	278	5503	0.175	ng	#	90
41) Benzo(g,h,i)perylene	26.864	276	6566	0.186	ng		95

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

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