Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038396.D
Acq On : 13 Dec 2025 21:18
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 14 22:26:31 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	6455	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	18634	0.400	ng		-0.01
13) Acenaphthene-d10	14.388	164	9905	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	17764	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	14917	0.400	ng		0.00
35) Perylene-d12	23.619	264	15292	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	6575	0.409	ng		0.00
5) Phenol-d6	6.879	99	8036	0.420	ng		0.00
8) Nitrobenzene-d5	8.865	82	5932	0.377	ng		-0.01
11) 2-Methylnaphthalene-d10	12.116	152	10765	0.410	ng		0.00
14) 2,4,6-Tribromophenol	15.883	330	1692	0.385	ng		-0.01
15) 2-Fluorobiphenyl	13.004	172	21894	0.459	ng		0.00
27) Fluoranthene-d10	19.178	212	18235	0.415	ng		0.00
31) Terphenyl-d14	19.778	244	14001	0.421	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2803	0.379	ng		98
3) n-Nitrosodimethylamine	3.499	42	3333	0.359	ng		93
6) bis(2-Chloroethyl)ether	7.132	93	7409	0.396	ng		100
9) Naphthalene	10.562	128	21383	0.388	ng		100
10) Hexachlorobutadiene	10.861	225	3780	0.386	ng	#	99
12) 2-Methylnaphthalene	12.192	142	13940	0.399	ng		97
16) Acenaphthylene	14.099	152	18289	0.376	ng		100
17) Acenaphthene	14.452	154	12745	0.376	ng		99
18) Fluorene	15.435	166	16267	0.373	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	610	0.209	ng		94
21) 4-Bromophenyl-phenylether	16.329	248	4994	0.379	ng	#	82
22) Hexachlorobenzene	16.454	284	5970	0.377	ng		98
23) Atrazine	16.602	200	3518	0.391	ng	#	93
24) Pentachlorophenol	16.801	266	2150	0.348	ng		98
25) Phenanthrene	17.186	178	23265	0.376	ng		99
26) Anthracene	17.273	178	20205	0.379	ng		99
28) Fluoranthene	19.206	202	26086	0.397	ng		100
30) Pyrene	19.569	202	26662	0.363	ng		100
32) Benzo(a)anthracene	21.313	228	22295	0.387	ng		100
33) Chrysene	21.367	228	24534	0.387	ng		100
34) Bis(2-ethylhexyl)phtha...	21.259	149	12291	0.389	ng		98
36) Indeno(1,2,3-cd)pyrene	25.934	276	30433	0.375	ng		99
37) Benzo(b)fluoranthene	22.929	252	25487	0.363	ng		97
38) Benzo(k)fluoranthene	22.973	252	25097	0.358	ng		96
39) Benzo(a)pyrene	23.516	252	21956	0.382	ng		95
40) Dibenzo(a,h)anthracene	25.958	278	23888	0.382	ng		98
41) Benzo(g,h,i)perylene	26.645	276	25923	0.371	ng		97

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

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