Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038378.D
Acq On : 13 Dec 2025 09:08
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 14 22:21:43 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	5917	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	16160	0.400	ng		-0.01
13) Acenaphthene-d10	14.388	164	8626	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	15376	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	12361	0.400	ng		0.00
35) Perylene-d12	23.622	264	12442	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	5913	0.401	ng		0.00
5) Phenol-d6	6.879	99	7054	0.403	ng		0.00
8) Nitrobenzene-d5	8.865	82	5238	0.384	ng		-0.01
11) 2-Methylnaphthalene-d10	12.116	152	9064	0.398	ng		-0.01
14) 2,4,6-Tribromophenol	15.883	330	1341	0.350	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	17763	0.427	ng		0.00
27) Fluoranthene-d10	19.178	212	15561	0.409	ng		0.00
31) Terphenyl-d14	19.782	244	10713	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2695	0.397	ng		94
3) n-Nitrosodimethylamine	3.507	42	3387	0.398	ng		98
6) bis(2-Chloroethyl)ether	7.139	93	6950	0.406	ng		98
9) Naphthalene	10.562	128	19142	0.401	ng		100
10) Hexachlorobutadiene	10.861	225	3306	0.389	ng	#	100
12) 2-Methylnaphthalene	12.192	142	12103	0.399	ng		99
16) Acenaphthylene	14.099	152	16099	0.380	ng		99
17) Acenaphthene	14.452	154	11200	0.380	ng		98
18) Fluorene	15.446	166	14424	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.523	198	596	0.236	ng	#	81
21) 4-Bromophenyl-phenylether	16.342	248	4324	0.379	ng	#	89
22) Hexachlorobenzene	16.453	284	5307	0.387	ng		100
23) Atrazine	16.615	200	2931	0.377	ng		97
24) Pentachlorophenol	16.801	266	1721	0.322	ng		96
25) Phenanthrene	17.186	178	20887	0.390	ng		100
26) Anthracene	17.273	178	17928	0.389	ng		99
28) Fluoranthene	19.211	202	22953	0.404	ng		100
30) Pyrene	19.573	202	23440	0.385	ng		100
32) Benzo(a)anthracene	21.322	228	18834	0.394	ng		98
33) Chrysene	21.366	228	20784	0.395	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	9864	0.377	ng		100
36) Indeno(1,2,3-cd)pyrene	25.943	276	26445	0.401	ng		98
37) Benzo(b)fluoranthene	22.932	252	21790	0.381	ng		99
38) Benzo(k)fluoranthene	22.976	252	22367	0.393	ng		99
39) Benzo(a)pyrene	23.522	252	18247	0.390	ng		98
40) Dibenzo(a,h)anthracene	25.958	278	20330	0.399	ng		99
41) Benzo(g,h,i)perylene	26.651	276	22198	0.390	ng		99

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

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