Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038222.D
Acq On : 01 Dec 2025 10:23
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 01 10:47:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.768	152	7356	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	22525	0.400	ng		#-0.01
13) Acenaphthene-d10	14.430	164	12376	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	22320	0.400	ng		0.00
29) Chrysene-d12	21.366	240	12271	0.400	ng		0.00
35) Perylene-d12	23.674	264	11359	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	6753	0.393	ng		0.00
5) Phenol-d6	6.930	99	8437	0.393	ng		0.00
8) Nitrobenzene-d5	8.918	82	7042	0.391	ng		0.00
11) 2-Methylnaphthalene-d10	12.167	152	13197	0.413	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	1670	0.429	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	20324	0.425	ng		0.00
27) Fluoranthene-d10	19.215	212	20388	0.421	ng		0.00
31) Terphenyl-d14	19.815	244	11886	0.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3193	0.412	ng		98
3) n-Nitrosodimethylamine	3.564	42	3975	0.416	ng	#	98
6) bis(2-Chloroethyl)ether	7.190	93	8705	0.423	ng		99
9) Naphthalene	10.616	128	26471	0.423	ng		100
10) Hexachlorobutadiene	10.915	225	4648	0.437	ng	#	100
12) 2-Methylnaphthalene	12.243	142	17274	0.420	ng		99
16) Acenaphthylene	14.142	152	22968	0.415	ng		99
17) Acenaphthene	14.484	154	16308	0.423	ng		99
18) Fluorene	15.478	166	21287	0.426	ng		100
20) 4,6-Dinitro-2-methylph...	15.572	198	712	0.465	ng	#	74
21) 4-Bromophenyl-phenylether	16.379	248	6219	0.402	ng		96
22) Hexachlorobenzene	16.491	284	7992	0.420	ng		100
23) Atrazine	16.652	200	3613	0.366	ng		99
24) Pentachlorophenol	16.838	266	2123	0.407	ng		100
25) Phenanthrene	17.223	178	28839	0.412	ng		99
26) Anthracene	17.310	178	24199	0.405	ng		99
28) Fluoranthene	19.243	202	29360	0.435	ng		100
30) Pyrene	19.606	202	28909	0.472	ng		99
32) Benzo(a)anthracene	21.357	228	17382	0.418	ng		99
33) Chrysene	21.402	228	21193	0.432	ng		98
34) Bis(2-ethylhexyl)phtha...	21.286	149	10784	0.474	ng		100
36) Indeno(1,2,3-cd)pyrene	26.034	276	18289	0.348	ng		98
37) Benzo(b)fluoranthene	22.978	252	19304	0.414	ng		98
38) Benzo(k)fluoranthene	23.025	252	20292	0.419	ng		100
39) Benzo(a)pyrene	23.575	252	15267	0.391	ng		98
40) Dibenzo(a,h)anthracene	26.057	278	12904	0.324	ng		98
41) Benzo(g,h,i)perylene	26.747	276	19028	0.400	ng		99

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

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