Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120625\
Data File : BN038287.D
Acq On : 05 Dec 2025 23:42
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 06 00:13:23 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	7.761	152	6906	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	20829	0.400	ng		-0.01
13) Acenaphthene-d10	14.420	164	10600	0.400	ng		-0.01
19) Phenanthrene-d10	17.173	188	14873	0.400	ng		#-0.01
29) Chrysene-d12	21.367	240	9751	0.400	ng		# 0.00
35) Perylene-d12	23.668	264	10410	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	6765	0.419	ng		0.00
5) Phenol-d6	6.923	99	8450	0.419	ng		-0.01
8) Nitrobenzene-d5	8.907	82	6550	0.393	ng		-0.01
11) 2-Methylnaphthalene-d10	12.157	152	12114	0.410	ng		0.00
14) 2,4,6-Tribromophenol	15.920	330	1256	0.377	ng		-0.01
15) 2-Fluorobiphenyl	13.041	172	18659	0.456	ng		-0.01
27) Fluoranthene-d10	19.211	212	12995	0.403	ng		0.00
31) Terphenyl-d14	19.815	244	8175	0.363	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3077	0.423	ng		98
3) n-Nitrosodimethylamine	3.557	42	3635	0.405	ng		98
6) bis(2-Chloroethyl)ether	7.183	93	8257	0.428	ng		98
9) Naphthalene	10.605	128	24485	0.423	ng		99
10) Hexachlorobutadiene	10.904	225	4407	0.448	ng	#	98
12) 2-Methylnaphthalene	12.233	142	15843	0.416	ng		99
16) Acenaphthylene	14.142	152	19797	0.418	ng		99
17) Acenaphthene	14.484	154	13867	0.420	ng		99
18) Fluorene	15.478	166	16687	0.390	ng		99
20) 4,6-Dinitro-2-methylph...	15.572	198	363	0.398	ng		93
21) 4-Bromophenyl-phenylether	16.367	248	4645	0.451	ng	#	81
22) Hexachlorobenzene	16.491	284	5812	0.459	ng		100
23) Atrazine	16.640	200	2739	0.416	ng	#	95
24) Pentachlorophenol	16.838	266	1559	0.449	ng		98
25) Phenanthrene	17.211	178	19606	0.420	ng		99
26) Anthracene	17.310	178	16294	0.409	ng		99
28) Fluoranthene	19.243	202	18645	0.414	ng		100
30) Pyrene	19.606	202	18705	0.384	ng		100
32) Benzo(a)anthracene	21.349	228	14124	0.428	ng		100
33) Chrysene	21.402	228	16850	0.432	ng		99
34) Bis(2-ethylhexyl)phtha...	21.286	149	7820	0.432	ng		100
36) Indeno(1,2,3-cd)pyrene	26.025	276	20723	0.430	ng		98
37) Benzo(b)fluoranthene	22.973	252	17170	0.402	ng		99
38) Benzo(k)fluoranthene	23.019	252	17157	0.386	ng		100
39) Benzo(a)pyrene	23.572	252	14932	0.417	ng		99
40) Dibenzo(a,h)anthracene	26.040	278	15748	0.432	ng		99
41) Benzo(g,h,i)perylene	26.735	276	18218	0.418	ng		99

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

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