Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038330.D
Acq On : 11 Dec 2025 23:59
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 12 00:29:21 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	7.724	152	5325	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	14404	0.400	ng		#-0.01
13) Acenaphthene-d10	14.387	164	7509	0.400	ng		-0.01
19) Phenanthrene-d10	17.148	188	13836	0.400	ng		0.00
29) Chrysene-d12	21.339	240	10979	0.400	ng		0.00
35) Perylene-d12	23.630	264	11587	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	5242	0.395	ng		0.00
5) Phenol-d6	6.886	99	6267	0.398	ng		0.00
8) Nitrobenzene-d5	8.875	82	4702	0.387	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	8023	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	1194	0.358	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	14408	0.398	ng		0.00
27) Fluoranthene-d10	19.187	212	13666	0.399	ng		0.00
31) Terphenyl-d14	19.787	244	9312	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2553	0.418	ng		97
3) n-Nitrosodimethylamine	3.506	42	2945	0.385	ng		99
6) bis(2-Chloroethyl)ether	7.146	93	6188	0.401	ng		99
9) Naphthalene	10.573	128	16835	0.395	ng		100
10) Hexachlorobutadiene	10.872	225	2984	0.394	ng	#	100
12) 2-Methylnaphthalene	12.197	142	10700	0.396	ng		99
16) Acenaphthylene	14.109	152	14216	0.386	ng		99
17) Acenaphthene	14.452	154	9650	0.376	ng		97
18) Fluorene	15.446	166	12774	0.386	ng		99
20) 4,6-Dinitro-2-methylph...	15.535	198	132	0.058	ng	#	1
21) 4-Bromophenyl-phenylether	16.342	248	3914	0.381	ng		98
22) Hexachlorobenzene	16.453	284	4794	0.388	ng		99
23) Atrazine	16.615	200	2660	0.380	ng		98
24) Pentachlorophenol	16.801	266	196	0.041	ng		96
25) Phenanthrene	17.186	178	18585	0.386	ng		100
26) Anthracene	17.273	178	15922	0.383	ng		100
28) Fluoranthene	19.215	202	20173	0.394	ng		100
30) Pyrene	19.578	202	20437	0.378	ng		100
32) Benzo(a)anthracene	21.322	228	16446	0.388	ng		99
33) Chrysene	21.375	228	18567	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.268	149	8928	0.384	ng		99
36) Indeno(1,2,3-cd)pyrene	25.955	276	22867	0.372	ng		98
37) Benzo(b)fluoranthene	22.940	252	19430	0.365	ng		100
38) Benzo(k)fluoranthene	22.984	252	18984	0.358	ng		100
39) Benzo(a)pyrene	23.534	252	15994	0.367	ng		99
40) Dibenzo(a,h)anthracene	25.975	278	17925	0.378	ng		99
41) Benzo(g,h,i)perylene	26.668	276	19418	0.366	ng		100

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

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