Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038380.D
Acq On : 13 Dec 2025 11:03
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 14 22:22:13 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	5610	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	14718	0.400	ng		#-0.01
13) Acenaphthene-d10	14.387	164	7660	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	13635	0.400	ng		#-0.01
29) Chrysene-d12	21.331	240	10585	0.400	ng		# 0.00
35) Perylene-d12	23.619	264	11030	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.283	112	5189	0.371	ng		0.00
5) Phenol-d6	6.879	99	6235	0.375	ng		0.00
8) Nitrobenzene-d5	8.864	82	4834	0.389	ng		-0.01
11) 2-Methylnaphthalene-d10	12.121	152	8177	0.394	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	1142	0.336	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	16556	0.449	ng		0.00
27) Fluoranthene-d10	19.178	212	13254	0.393	ng		0.00
31) Terphenyl-d14	19.782	244	9158	0.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2585	0.402	ng		98
3) n-Nitrosodimethylamine	3.507	42	3286	0.407	ng	#	93
6) bis(2-Chloroethyl)ether	7.139	93	6464	0.398	ng		98
9) Naphthalene	10.562	128	17465	0.401	ng		100
10) Hexachlorobutadiene	10.861	225	3098	0.401	ng	#	100
12) 2-Methylnaphthalene	12.192	142	10863	0.393	ng		99
16) Acenaphthylene	14.099	152	14412	0.383	ng		99
17) Acenaphthene	14.452	154	10037	0.383	ng		98
18) Fluorene	15.435	166	12863	0.381	ng		100
20) 4,6-Dinitro-2-methylph...	15.522	198	498	0.222	ng	#	77
21) 4-Bromophenyl-phenylether	16.342	248	3890	0.385	ng	#	87
22) Hexachlorobenzene	16.453	284	4905	0.403	ng		99
23) Atrazine	16.615	200	2528	0.366	ng		96
24) Pentachlorophenol	16.801	266	1536	0.324	ng		98
25) Phenanthrene	17.186	178	18617	0.392	ng		100
26) Anthracene	17.273	178	15635	0.382	ng		100
28) Fluoranthene	19.206	202	19763	0.392	ng		100
30) Pyrene	19.573	202	19816	0.380	ng		99
32) Benzo(a)anthracene	21.322	228	16185	0.396	ng		98
33) Chrysene	21.366	228	17971	0.399	ng		100
34) Bis(2-ethylhexyl)phtha...	21.259	149	8224	0.367	ng		100
36) Indeno(1,2,3-cd)pyrene	25.940	276	23216	0.397	ng		98
37) Benzo(b)fluoranthene	22.929	252	19179	0.379	ng		99
38) Benzo(k)fluoranthene	22.975	252	19259	0.381	ng		100
39) Benzo(a)pyrene	23.519	252	15860	0.383	ng		99
40) Dibenzo(a,h)anthracene	25.958	278	17888	0.396	ng		100
41) Benzo(g,h,i)perylene	26.645	276	19297	0.383	ng		99

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

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