Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121625\
Data File : BN038451.D
Acq On : 16 Dec 2025 21:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 17 02:55:37 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	7.710	152	4574	0.400	ng		-0.01
7) Naphthalene-d8	10.509	136	12154	0.400	ng		#-0.02
13) Acenaphthene-d10	14.377	164	6205	0.400	ng		-0.02
19) Phenanthrene-d10	17.136	188	11374	0.400	ng		-0.01
29) Chrysene-d12	21.331	240	8506	0.400	ng		0.00
35) Perylene-d12	23.610	264	8751	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.276	112	4398	0.386	ng		-0.01
5) Phenol-d6	6.872	99	5273	0.389	ng		-0.01
8) Nitrobenzene-d5	8.865	82	4076	0.398	ng		-0.01
11) 2-Methylnaphthalene-d10	12.111	152	6308	0.368	ng		-0.02
14) 2,4,6-Tribromophenol	15.883	330	1027	0.373	ng		-0.01
15) 2-Fluorobiphenyl	12.998	172	15345	0.513	ng		-0.01
27) Fluoranthene-d10	19.174	212	10217	0.363	ng		-0.01
31) Terphenyl-d14	19.778	244	7511	0.396	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.189	88	2092	0.399	ng		95
3) n-Nitrosodimethylamine	3.499	42	2636	0.401	ng	#	93
6) bis(2-Chloroethyl)ether	7.132	93	5201	0.393	ng		98
9) Naphthalene	10.562	128	14076	0.392	ng		100
10) Hexachlorobutadiene	10.851	225	2526	0.396	ng	#	100
12) 2-Methylnaphthalene	12.187	142	8771	0.385	ng		99
16) Acenaphthylene	14.099	152	11547	0.379	ng		100
17) Acenaphthene	14.441	154	8068	0.380	ng		98
18) Fluorene	15.435	166	10130	0.371	ng		100
20) 4,6-Dinitro-2-methylph...	15.523	198	385	0.206	ng	#	69
21) 4-Bromophenyl-phenylether	16.329	248	3054	0.362	ng		95
22) Hexachlorobenzene	16.441	284	3980	0.392	ng		99
23) Atrazine	16.602	200	1975	0.343	ng		96
24) Pentachlorophenol	16.789	266	1334	0.337	ng		99
25) Phenanthrene	17.173	178	15112	0.382	ng		100
26) Anthracene	17.273	178	12514	0.367	ng		100
28) Fluoranthene	19.201	202	16427	0.390	ng		99
30) Pyrene	19.568	202	16473	0.393	ng		100
32) Benzo(a)anthracene	21.313	228	12771	0.389	ng		98
33) Chrysene	21.366	228	14800	0.409	ng		98
34) Bis(2-ethylhexyl)phtha...	21.250	149	7099	0.394	ng		99
36) Indeno(1,2,3-cd)pyrene	25.928	276	19286	0.415	ng		98
37) Benzo(b)fluoranthene	22.923	252	15955	0.397	ng		99
38) Benzo(k)fluoranthene	22.967	252	15957	0.398	ng		99
39) Benzo(a)pyrene	23.513	252	12983	0.395	ng		97
40) Dibenzo(a,h)anthracene	25.946	278	14575	0.407	ng		99
41) Benzo(g,h,i)perylene	26.630	276	15994	0.400	ng		99

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

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