Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121025\
Data File : BN038309.D
Acq On : 10 Dec 2025 17:15
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 10 17:40:36 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	7.739	152	6675	0.400	ng	0.01
7) Naphthalene-d8	10.541	136	18199	0.400	ng	0.01
13) Acenaphthene-d10	14.409	164	9224	0.400	ng	0.01
19) Phenanthrene-d10	17.161	188	16055	0.400	ng	0.01
29) Chrysene-d12	21.357	240	12620	0.400	ng	# 0.02
35) Perylene-d12	23.654	264	13011	0.400	ng	0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	6778	0.408	ng	0.01
5) Phenol-d6	6.901	99	7864	0.398	ng	0.01
8) Nitrobenzene-d5	8.886	82	5775	0.376	ng	0.01
11) 2-Methylnaphthalene-d10	12.141	152	10241	0.399	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	1477	0.361	ng	0.01
15) 2-Fluorobiphenyl	13.019	172	14237	0.320	ng	0.01
27) Fluoranthene-d10	19.197	212	16104	0.406	ng	0.00
31) Terphenyl-d14	19.801	244	11378	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	3047	0.398	ng	# 96
3) n-Nitrosodimethylamine	3.514	42	3874	0.404	ng	# 98
6) bis(2-Chloroethyl)ether	7.161	93	7716	0.399	ng	99
9) Naphthalene	10.583	128	21093	0.392	ng	100
10) Hexachlorobutadiene	10.882	225	3725	0.390	ng	# 100
12) 2-Methylnaphthalene	12.212	142	13392	0.392	ng	99
16) Acenaphthylene	14.120	152	16755	0.370	ng	99
17) Acenaphthene	14.462	154	12029	0.381	ng	99
18) Fluorene	15.457	166	15438	0.380	ng	99
20) 4,6-Dinitro-2-methylph...	15.535	198	775	0.293	ng	96
21) 4-Bromophenyl-phenylether	16.354	248	4719	0.396	ng	96
22) Hexachlorobenzene	16.466	284	5660	0.395	ng	99
23) Atrazine	16.627	200	3051	0.376	ng	99
24) Pentachlorophenol	16.813	266	2002	0.358	ng	98
25) Phenanthrene	17.198	178	21811	0.390	ng	100
26) Anthracene	17.285	178	18622	0.387	ng	99
28) Fluoranthene	19.225	202	23222	0.391	ng	100
30) Pyrene	19.592	202	23681	0.381	ng	100
32) Benzo(a)anthracene	21.339	228	19752	0.405	ng	98
33) Chrysene	21.393	228	21273	0.396	ng	99
34) Bis(2-ethylhexyl)phtha...	21.277	149	11316	0.423	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.990	276	27266	0.395	ng	100
37) Benzo(b)fluoranthene	22.958	252	22673	0.379	ng	99
38) Benzo(k)fluoranthene	23.005	252	23236	0.390	ng	100
39) Benzo(a)pyrene	23.548	252	19155	0.392	ng	96
40) Dibenzo(a,h)anthracene	26.004	278	20779	0.390	ng	99
41) Benzo(g,h,i)perylene	26.697	276	22673	0.381	ng	100

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

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