Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038343.D
Acq On : 12 Dec 2025 09:24
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 12 09:59:58 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	5196	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	14288	0.400	ng		#-0.01
13) Acenaphthene-d10	14.387	164	7596	0.400	ng		-0.01
19) Phenanthrene-d10	17.148	188	14177	0.400	ng		0.00
29) Chrysene-d12	21.339	240	11670	0.400	ng		0.00
35) Perylene-d12	23.633	264	12444	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	5018	0.388	ng		0.00
5) Phenol-d6	6.886	99	6038	0.392	ng		0.00
8) Nitrobenzene-d5	8.875	82	4529	0.376	ng		0.00
11) 2-Methylnaphthalene-d10	12.126	152	7953	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.895	330	1211	0.359	ng		0.00
15) 2-Fluorobiphenyl	13.008	172	14661	0.401	ng		0.00
27) Fluoranthene-d10	19.183	212	14274	0.407	ng		0.00
31) Terphenyl-d14	19.787	244	9959	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	2538	0.426	ng		98
3) n-Nitrosodimethylamine	3.507	42	2757	0.369	ng	#	94
6) bis(2-Chloroethyl)ether	7.139	93	6110	0.406	ng		100
9) Naphthalene	10.573	128	16530	0.391	ng		100
10) Hexachlorobutadiene	10.872	225	2924	0.389	ng	#	100
12) 2-Methylnaphthalene	12.197	142	10559	0.394	ng		100
16) Acenaphthylene	14.110	152	14114	0.378	ng		99
17) Acenaphthene	14.452	154	9849	0.379	ng		97
18) Fluorene	15.446	166	12900	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.522	198	182	0.078	ng	#	1
21) 4-Bromophenyl-phenylether	16.342	248	4006	0.381	ng		99
22) Hexachlorobenzene	16.453	284	4990	0.395	ng		98
23) Atrazine	16.615	200	2706	0.377	ng		98
24) Pentachlorophenol	16.801	266	912	0.185	ng		99
25) Phenanthrene	17.186	178	19077	0.387	ng		100
26) Anthracene	17.273	178	16452	0.387	ng		99
28) Fluoranthene	19.215	202	21105	0.402	ng		100
30) Pyrene	19.578	202	21243	0.370	ng		100
32) Benzo(a)anthracene	21.322	228	17188	0.381	ng		99
33) Chrysene	21.375	228	19898	0.401	ng		100
34) Bis(2-ethylhexyl)phtha...	21.268	149	8597	0.348	ng		100
36) Indeno(1,2,3-cd)pyrene	25.955	276	23803	0.360	ng		98
37) Benzo(b)fluoranthene	22.937	252	20494	0.359	ng		98
38) Benzo(k)fluoranthene	22.984	252	20086	0.352	ng		100
39) Benzo(a)pyrene	23.531	252	16745	0.358	ng		97
40) Dibenzo(a,h)anthracene	25.972	278	18552	0.364	ng		99
41) Benzo(g,h,i)perylene	26.659	276	20585	0.362	ng		100

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

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