Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121125\
Data File : BN038341.D
Acq On : 12 Dec 2025 06:38
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 12 07:09:16 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	5960	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	16405	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	8880	0.400	ng	-0.01
19) Phenanthrene-d10	17.149	188	16903	0.400	ng	0.00
29) Chrysene-d12	21.340	240	13529	0.400	ng	0.00
35) Perylene-d12	23.630	264	13258	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	6134	0.413	ng	0.00
5) Phenol-d6	6.887	99	7330	0.415	ng	0.00
8) Nitrobenzene-d5	8.875	82	5474	0.396	ng	0.00
11) 2-Methylnaphthalene-d10	12.126	152	9327	0.403	ng	0.00
14) 2,4,6-Tribromophenol	15.895	330	1434	0.364	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	17001	0.397	ng	0.00
27) Fluoranthene-d10	19.183	212	17019	0.407	ng	0.00
31) Terphenyl-d14	19.787	244	11588	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.196	88	2883	0.422	ng	# 96
3) n-Nitrosodimethylamine	3.507	42	3431	0.400	ng	# 98
6) bis(2-Chloroethyl)ether	7.139	93	7191	0.417	ng	99
9) Naphthalene	10.573	128	19387	0.400	ng	100
10) Hexachlorobutadiene	10.872	225	3364	0.390	ng	# 100
12) 2-Methylnaphthalene	12.197	142	12419	0.403	ng	99
16) Acenaphthylene	14.110	152	16623	0.381	ng	100
17) Acenaphthene	14.452	154	11482	0.378	ng	97
18) Fluorene	15.446	166	15319	0.392	ng	99
20) 4,6-Dinitro-2-methylph...	15.523	198	159	0.057	ng	# 1
21) 4-Bromophenyl-phenylether	16.342	248	4705	0.375	ng	99
22) Hexachlorobenzene	16.453	284	5638	0.374	ng	100
23) Atrazine	16.615	200	3238	0.379	ng	100
24) Pentachlorophenol	16.801	266	865	0.147	ng	100
25) Phenanthrene	17.186	178	22615	0.384	ng	100
26) Anthracene	17.273	178	19513	0.385	ng	99
28) Fluoranthene	19.215	202	24957	0.399	ng	99
30) Pyrene	19.578	202	25473	0.382	ng	100
32) Benzo(a)anthracene	21.322	228	20598	0.394	ng	99
33) Chrysene	21.375	228	23312	0.405	ng	100
34) Bis(2-ethylhexyl)phtha...	21.259	149	10700	0.373	ng	99
36) Indeno(1,2,3-cd)pyrene	25.955	276	27256	0.387	ng	99
37) Benzo(b)fluoranthene	22.937	252	23550	0.387	ng	97
38) Benzo(k)fluoranthene	22.984	252	24161	0.398	ng	98
39) Benzo(a)pyrene	23.528	252	19212	0.386	ng	96
40) Dibenzo(a,h)anthracene	25.969	278	21230	0.391	ng	100
41) Benzo(g,h,i)perylene	26.662	276	23630	0.390	ng	99

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

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