Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038361.D
Acq On : 12 Dec 2025 22:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 13 02:10:46 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	6876	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	18706	0.400	ng		#-0.01
13) Acenaphthene-d10	14.387	164	10171	0.400	ng		-0.01
19) Phenanthrene-d10	17.136	188	18646	0.400	ng		#-0.01
29) Chrysene-d12	21.339	240	13125	0.400	ng		# 0.00
35) Perylene-d12	23.621	264	13343	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	6827	0.399	ng		0.00
5) Phenol-d6	6.886	99	8167	0.401	ng		0.00
8) Nitrobenzene-d5	8.875	82	6144	0.389	ng		0.00
11) 2-Methylnaphthalene-d10	12.121	152	10703	0.406	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	1589	0.352	ng		-0.01
15) 2-Fluorobiphenyl	13.008	172	21425	0.437	ng		0.00
27) Fluoranthene-d10	19.183	212	17618	0.382	ng		0.00
31) Terphenyl-d14	19.782	244	12359	0.422	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	3174	0.403	ng		99
3) n-Nitrosodimethylamine	3.506	42	3893	0.394	ng		100
6) bis(2-Chloroethyl)ether	7.139	93	8304	0.417	ng		98
9) Naphthalene	10.573	128	22015	0.398	ng		99
10) Hexachlorobutadiene	10.872	225	3897	0.396	ng	#	99
12) 2-Methylnaphthalene	12.192	142	14287	0.407	ng		100
16) Acenaphthylene	14.099	152	18945	0.379	ng		99
17) Acenaphthene	14.452	154	13303	0.382	ng		99
18) Fluorene	15.446	166	17465	0.390	ng		99
20) 4,6-Dinitro-2-methylph...	15.522	198	619	0.202	ng	#	79
21) 4-Bromophenyl-phenylether	16.342	248	5353	0.387	ng	#	89
22) Hexachlorobenzene	16.453	284	6496	0.391	ng		100
23) Atrazine	16.615	200	3592	0.381	ng		97
24) Pentachlorophenol	16.801	266	1791	0.276	ng		98
25) Phenanthrene	17.186	178	25212	0.388	ng		100
26) Anthracene	17.273	178	21552	0.385	ng		99
28) Fluoranthene	19.211	202	26327	0.382	ng		100
30) Pyrene	19.573	202	26294	0.407	ng		100
32) Benzo(a)anthracene	21.322	228	20031	0.395	ng		98
33) Chrysene	21.366	228	22033	0.395	ng		99
34) Bis(2-ethylhexyl)phtha...	21.259	149	10127	0.364	ng		99
36) Indeno(1,2,3-cd)pyrene	25.946	276	25831	0.365	ng		97
37) Benzo(b)fluoranthene	22.932	252	22336	0.364	ng		99
38) Benzo(k)fluoranthene	22.978	252	22462	0.368	ng		98
39) Benzo(a)pyrene	23.519	252	18663	0.372	ng		98
40) Dibenzo(a,h)anthracene	25.963	278	20094	0.368	ng		99
41) Benzo(g,h,i)perylene	26.650	276	21380	0.350	ng		99

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

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