Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091025\
Data File : BN037677.D
Acq On : 10 Sep 2025 10:54
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 10 12:11:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 10 02:02:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	5848	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	16103	0.400	ng	#	0.01
13) Acenaphthene-d10	14.505	164	7873	0.400	ng		0.01
19) Phenanthrene-d10	17.248	188	14115	0.400	ng		0.00
29) Chrysene-d12	21.420	240	11491	0.400	ng	#	0.00
35) Perylene-d12	23.759	264	11662	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	5557	0.371	ng		0.00
5) Phenol-d6	7.002	99	7102	0.378	ng		0.01
8) Nitrobenzene-d5	9.004	82	4306	0.434	ng		0.01
11) 2-Methylnaphthalene-d10	12.253	152	8667	0.383	ng		0.01
14) 2,4,6-Tribromophenol	15.982	330	775	0.354	ng		0.00
15) 2-Fluorobiphenyl	13.126	172	13272	0.429	ng		0.00
27) Fluoranthene-d10	19.271	212	13503	0.371	ng		0.00
31) Terphenyl-d14	19.875	244	9564	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	2650	0.418	ng		96
3) n-Nitrosodimethylamine	3.615	42	3321	0.416	ng	#	96
6) bis(2-Chloroethyl)ether	7.269	93	6394	0.402	ng		100
9) Naphthalene	10.712	128	17744	0.407	ng		99
10) Hexachlorobutadiene	11.011	225	3128	0.405	ng	#	100
12) 2-Methylnaphthalene	12.324	142	11163	0.395	ng		100
16) Acenaphthylene	14.217	152	14510	0.394	ng		100
17) Acenaphthene	14.559	154	9631	0.408	ng		98
18) Fluorene	15.547	166	11554	0.401	ng		98
20) 4,6-Dinitro-2-methylph...	15.610	198	363	0.461	ng	#	63
21) 4-Bromophenyl-phenylether	16.441	248	3750	0.405	ng	#	91
22) Hexachlorobenzene	16.553	284	4242	0.434	ng		98
23) Atrazine	16.702	200	2169	0.375	ng		96
24) Pentachlorophenol	16.900	266	1316	0.402	ng		96
25) Phenanthrene	17.285	178	17567	0.407	ng		100
26) Anthracene	17.372	178	15378	0.384	ng		100
28) Fluoranthene	19.304	202	18608	0.384	ng		100
30) Pyrene	19.666	202	18566	0.405	ng		100
32) Benzo(a)anthracene	21.402	228	15803	0.385	ng		99
33) Chrysene	21.456	228	17350	0.417	ng		98
34) Bis(2-ethylhexyl)phtha...	21.358	149	4281	0.375	ng		98
36) Indeno(1,2,3-cd)pyrene	26.148	276	18141	0.410	ng		99
37) Benzo(b)fluoranthene	23.052	252	17338	0.403	ng		99
38) Benzo(k)fluoranthene	23.098	252	17971	0.424	ng		99
39) Benzo(a)pyrene	23.654	252	14108	0.394	ng		99
40) Dibenzo(a,h)anthracene	26.168	278	14079	0.423	ng		98
41) Benzo(g,h,i)perylene	26.879	276	16659	0.416	ng		99

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

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