Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037776.D
Acq On : 18 Sep 2025 14:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 18 15:01:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.833	152	7127	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	18984	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	8698	0.400	ng		-0.01
19) Phenanthrene-d10	17.235	188	14526	0.400	ng		# 0.00
29) Chrysene-d12	21.411	240	10438	0.400	ng		# 0.00
35) Perylene-d12	23.744	264	10600	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	6346	0.388	ng		0.00
5) Phenol-d6	6.980	99	8055	0.380	ng		0.00
8) Nitrobenzene-d5	8.982	82	5651	0.407	ng		-0.01
11) 2-Methylnaphthalene-d10	12.232	152	9430	0.375	ng		-0.01
14) 2,4,6-Tribromophenol	15.982	330	988	0.436	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	14602	0.401	ng		0.00
27) Fluoranthene-d10	19.262	212	12188	0.334	ng		0.00
31) Terphenyl-d14	19.861	244	8356	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	3048	0.411	ng		94
3) n-Nitrosodimethylamine	3.608	42	3658	0.377	ng	#	90
6) bis(2-Chloroethyl)ether	7.248	93	7546	0.398	ng		100
9) Naphthalene	10.690	128	20305	0.391	ng		99
10) Hexachlorobutadiene	10.989	225	3759	0.400	ng	#	100
12) 2-Methylnaphthalene	12.303	142	12427	0.387	ng		99
16) Acenaphthylene	14.206	152	15171	0.380	ng		100
17) Acenaphthene	14.548	154	10490	0.389	ng		97
18) Fluorene	15.535	166	12152	0.372	ng		100
20) 4,6-Dinitro-2-methylph...	15.609	198	454	0.337	ng		96
21) 4-Bromophenyl-phenylether	16.429	248	3832	0.405	ng	#	86
22) Hexachlorobenzene	16.540	284	4737	0.435	ng		99
23) Atrazine	16.689	200	2300	0.382	ng	#	90
24) Pentachlorophenol	16.888	266	1384	0.438	ng		95
25) Phenanthrene	17.273	178	17751	0.388	ng		99
26) Anthracene	17.359	178	15208	0.375	ng		99
28) Fluoranthene	19.294	202	17450	0.348	ng		100
30) Pyrene	19.657	202	17087	0.418	ng		100
32) Benzo(a)anthracene	21.393	228	13864	0.381	ng		99
33) Chrysene	21.447	228	15945	0.408	ng		99
34) Bis(2-ethylhexyl)phtha...	21.339	149	4553	0.422	ng		100
36) Indeno(1,2,3-cd)pyrene	26.127	276	19472	0.437	ng		100
37) Benzo(b)fluoranthene	23.037	252	16161	0.387	ng	#	97
38) Benzo(k)fluoranthene	23.086	252	17089	0.402	ng		97
39) Benzo(a)pyrene	23.642	252	13152	0.394	ng	#	95
40) Dibenzo(a,h)anthracene	26.145	278	15512	0.436	ng		99
41) Benzo(g,h,i)perylene	26.855	276	16486	0.413	ng		99

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

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