Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
Data File : BN038109.D
Acq On : 20 Oct 2025 22:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 21 02:30:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 21 02:23:15 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	7565	0.400	ng		0.00
7) Naphthalene-d8	10.583	136	20860	0.400	ng		# 0.00
13) Acenaphthene-d10	14.441	164	10928	0.400	ng		0.00
19) Phenanthrene-d10	17.198	188	19801	0.400	ng		0.00
29) Chrysene-d12	21.384	240	14186	0.400	ng		0.00
35) Perylene-d12	23.691	264	13180	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	6896	0.399	ng		0.00
5) Phenol-d6	6.944	99	7678	0.339	ng		0.00
8) Nitrobenzene-d5	8.939	82	5702	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.181	152	10825	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.944	330	1381	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.061	172	16695	0.373	ng		0.00
27) Fluoranthene-d10	19.229	212	17617	0.354	ng		0.00
31) Terphenyl-d14	19.828	244	12125	0.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	3675	0.479	ng		99
3) n-Nitrosodimethylamine	3.578	42	4095	0.401	ng	#	91
6) bis(2-Chloroethyl)ether	7.204	93	8146	0.387	ng		100
9) Naphthalene	10.637	128	22443	0.391	ng		100
10) Hexachlorobutadiene	10.935	225	4070	0.415	ng	#	98
12) 2-Methylnaphthalene	12.257	142	13970	0.372	ng		98
16) Acenaphthylene	14.163	152	18878	0.380	ng		99
17) Acenaphthene	14.505	154	13227	0.374	ng		98
18) Fluorene	15.499	166	16522	0.386	ng		98
20) 4,6-Dinitro-2-methylph...	15.572	198	792	0.379	ng	#	28
21) 4-Bromophenyl-phenylether	16.391	248	4991	0.387	ng	#	91
22) Hexachlorobenzene	16.503	284	6155	0.393	ng		99
23) Atrazine	16.652	200	3231	0.329	ng	#	86
24) Pentachlorophenol	16.850	266	1774	0.330	ng		97
25) Phenanthrene	17.235	178	23838	0.366	ng		100
26) Anthracene	17.322	178	20233	0.358	ng		100
28) Fluoranthene	19.257	202	24899	0.347	ng		100
30) Pyrene	19.619	202	24632	0.440	ng		100
32) Benzo(a)anthracene	21.366	228	18356	0.370	ng		99
33) Chrysene	21.420	228	22123	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.303	149	9322	0.475	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.048	276	23544	0.391	ng		99
37) Benzo(b)fluoranthene	22.996	252	21093	0.371	ng	#	93
38) Benzo(k)fluoranthene	23.039	252	21558	0.377	ng	#	94
39) Benzo(a)pyrene	23.592	252	17197	0.383	ng	#	88
40) Dibenzo(a,h)anthracene	26.071	278	16653	0.354	ng		96
41) Benzo(g,h,i)perylene	26.770	276	21108	0.427	ng		98

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

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