Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102025\
Data File : BN038101.D
Acq On : 20 Oct 2025 17:20
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 20 18:12:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	8494	0.400	ng		-0.04
7) Naphthalene-d8	10.584	136	23762	0.400	ng		#-0.04
13) Acenaphthene-d10	14.441	164	12771	0.400	ng		-0.03
19) Phenanthrene-d10	17.198	188	22871	0.400	ng		-0.02
29) Chrysene-d12	21.384	240	16306	0.400	ng		-0.02
35) Perylene-d12	23.701	264	14546	0.400	ng		#-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.356	112	7463	0.385	ng		-0.03
5) Phenol-d6	6.944	99	8654	0.340	ng		-0.03
8) Nitrobenzene-d5	8.939	82	6577	0.363	ng		-0.03
11) 2-Methylnaphthalene-d10	12.187	152	12817	0.388	ng		-0.03
14) 2,4,6-Tribromophenol	15.945	330	1720	0.355	ng		-0.02
15) 2-Fluorobiphenyl	13.062	172	20463	0.391	ng		-0.03
27) Fluoranthene-d10	19.229	212	19887	0.346	ng		-0.02
31) Terphenyl-d14	19.833	244	13514	0.416	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	4006	0.465	ng		96
3) n-Nitrosodimethylamine	3.579	42	4376	0.381	ng	#	92
6) bis(2-Chloroethyl)ether	7.204	93	9209	0.390	ng		100
9) Naphthalene	10.637	128	25855	0.395	ng		99
10) Hexachlorobutadiene	10.936	225	4589	0.411	ng	#	99
12) 2-Methylnaphthalene	12.258	142	16501	0.386	ng		99
16) Acenaphthylene	14.163	152	22614	0.390	ng		100
17) Acenaphthene	14.505	154	15439	0.374	ng		99
18) Fluorene	15.499	166	19109	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	15.572	198	868	0.364	ng	#	48
21) 4-Bromophenyl-phenylether	16.391	248	5974	0.401	ng	#	92
22) Hexachlorobenzene	16.503	284	7441	0.412	ng		100
23) Atrazine	16.664	200	3566	0.314	ng		98
24) Pentachlorophenol	16.851	266	2249	0.363	ng		96
25) Phenanthrene	17.235	178	28419	0.378	ng		99
26) Anthracene	17.322	178	23635	0.362	ng		100
28) Fluoranthene	19.262	202	28434	0.343	ng		100
30) Pyrene	19.624	202	27722	0.431	ng		100
32) Benzo(a)anthracene	21.366	228	20668	0.363	ng		100
33) Chrysene	21.420	228	25184	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.304	149	9030	0.401	ng		98
36) Indeno(1,2,3-cd)pyrene	26.060	276	25177	0.379	ng		98
37) Benzo(b)fluoranthene	22.999	252	23093	0.368	ng		96
38) Benzo(k)fluoranthene	23.046	252	23964	0.380	ng		97
39) Benzo(a)pyrene	23.598	252	18974	0.382	ng		94
40) Dibenzo(a,h)anthracene	26.078	278	18452	0.356	ng		97
41) Benzo(g,h,i)perylene	26.779	276	22890	0.420	ng		99

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

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