Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038083.D
Acq On : 14 Oct 2025 01:19
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 14 03:52:02 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

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/14/2025
Supervised By :mohammad ahmed 10/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	7061	0.400	ng		-0.03
7) Naphthalene-d8	10.594	136	18151	0.400	ng		#-0.03
13) Acenaphthene-d10	14.452	164	9016	0.400	ng		-0.02
19) Phenanthrene-d10	17.198	188	16225	0.400	ng		#-0.02
29) Chrysene-d12	21.384	240	13579	0.400	ng		#-0.02
35) Perylene-d12	23.709	264	13727	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	5814	0.361	ng		-0.02
5) Phenol-d6	6.952	99	6635	0.313	ng		-0.02
8) Nitrobenzene-d5	8.950	82	4510	0.326	ng		-0.02
11) 2-Methylnaphthalene-d10	12.192	152	9902	0.393	ng		-0.03
14) 2,4,6-Tribromophenol	15.944	330	1046	0.306	ng		-0.02
15) 2-Fluorobiphenyl	13.073	172	13525	0.366	ng		-0.02
27) Fluoranthene-d10	19.234	212	16484	0.404	ng		-0.02
31) Terphenyl-d14	19.838	244	9629	0.356	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	3339	0.466	ng		94
3) n-Nitrosodimethylamine	3.586	42	3735	0.392	ng	#	91
6) bis(2-Chloroethyl)ether	7.212	93	7427	0.378	ng		99
9) Naphthalene	10.648	128	19092	0.382	ng		99
10) Hexachlorobutadiene	10.947	225	3405	0.399	ng	#	99
12) 2-Methylnaphthalene	12.268	142	11497	0.352	ng		99
16) Acenaphthylene	14.174	152	15325	0.374	ng		100
17) Acenaphthene	14.516	154	10578	0.363	ng		99
18) Fluorene	15.499	166	11554	0.327	ng		98
20) 4,6-Dinitro-2-methylph...	15.585	198	580	0.347	ng	#	10
21) 4-Bromophenyl-phenylether	16.391	248	3637	0.344	ng	#	85
22) Hexachlorobenzene	16.515	284	4887	0.381	ng		99
23) Atrazine	16.664	200	2436	0.303	ng	#	93
24) Pentachlorophenol	16.863	266	1846	0.420	ng		95
25) Phenanthrene	17.248	178	19133	0.358	ng		99
26) Anthracene	17.335	178	15982	0.345	ng		100
28) Fluoranthene	19.266	202	20674	0.352	ng		99
30) Pyrene	19.629	202	20709	0.386	ng		100
32) Benzo(a)anthracene	21.375	228	17445	0.368	ng		99
33) Chrysene	21.420	228	20081	0.391	ng		100
34) Bis(2-ethylhexyl)phtha...	21.304	149	8392	0.447	ng		98
36) Indeno(1,2,3-cd)pyrene	26.072	276	26580	0.424	ng		97
37) Benzo(b)fluoranthene	23.005	252	21481m	0.363	ng		
38) Benzo(k)fluoranthene	23.049	252	22684	0.381	ng		96
39) Benzo(a)pyrene	23.607	252	18395	0.393	ng	#	83
40) Dibenzo(a,h)anthracene	26.092	278	19499	0.398	ng		98
41) Benzo(g,h,i)perylene	26.788	276	22628	0.440	ng		98

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

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