Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101325\
Data File : BN038088.D
Acq On : 14 Oct 2025 04:56
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

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

Quant Time: Oct 14 05:20:56 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	7.797	152	6905	0.400	ng		-0.03
7) Naphthalene-d8	10.594	136	18816	0.400	ng		#-0.03
13) Acenaphthene-d10	14.452	164	9558	0.400	ng		-0.02
19) Phenanthrene-d10	17.198	188	17543	0.400	ng		#-0.02
29) Chrysene-d12	21.384	240	14165	0.400	ng		#-0.02
35) Perylene-d12	23.706	264	13844	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	6075	0.386	ng		-0.02
5) Phenol-d6	6.952	99	6734	0.325	ng		-0.02
8) Nitrobenzene-d5	8.950	82	4804	0.335	ng		-0.02
11) 2-Methylnaphthalene-d10	12.192	152	10106	0.387	ng		-0.03
14) 2,4,6-Tribromophenol	15.945	330	1142	0.315	ng		-0.02
15) 2-Fluorobiphenyl	13.073	172	15070	0.385	ng		-0.02
27) Fluoranthene-d10	19.239	212	17173	0.389	ng		-0.01
31) Terphenyl-d14	19.833	244	10595	0.376	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	3409	0.486	ng		94
3) n-Nitrosodimethylamine	3.586	42	3947	0.423	ng	#	88
6) bis(2-Chloroethyl)ether	7.219	93	7442	0.387	ng		99
9) Naphthalene	10.648	128	20288	0.391	ng		99
10) Hexachlorobutadiene	10.947	225	3539	0.400	ng	#	97
12) 2-Methylnaphthalene	12.268	142	12369	0.365	ng		99
16) Acenaphthylene	14.174	152	16454	0.379	ng		100
17) Acenaphthene	14.516	154	11586	0.375	ng		99
18) Fluorene	15.499	166	13064	0.349	ng		100
20) 4,6-Dinitro-2-methylph...	15.585	198	690	0.374	ng	#	26
21) 4-Bromophenyl-phenylether	16.391	248	3981	0.348	ng	#	83
22) Hexachlorobenzene	16.515	284	5224	0.377	ng		100
23) Atrazine	16.664	200	2825	0.324	ng	#	90
24) Pentachlorophenol	16.863	266	1613	0.339	ng		97
25) Phenanthrene	17.248	178	20782	0.360	ng		100
26) Anthracene	17.335	178	17015	0.340	ng		100
28) Fluoranthene	19.266	202	22691	0.357	ng		99
30) Pyrene	19.629	202	23294	0.417	ng		100
32) Benzo(a)anthracene	21.375	228	18122	0.366	ng		98
33) Chrysene	21.420	228	21548	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.304	149	7685	0.392	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.072	276	25477	0.403	ng		98
37) Benzo(b)fluoranthene	23.005	252	22201m	0.372	ng		
38) Benzo(k)fluoranthene	23.049	252	22592	0.376	ng		95
39) Benzo(a)pyrene	23.607	252	18632	0.395	ng	#	87
40) Dibenzo(a,h)anthracene	26.089	278	18798	0.381	ng		97
41) Benzo(g,h,i)perylene	26.788	276	22396	0.432	ng		98

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

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