Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110725\
Data File : BN038163.D
Acq On : 07 Nov 2025 20:22
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 11/10/2025
Supervised By :Jagrut Upadhyay 11/10/2025

Quant Time: Nov 08 03:06:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 29 13:09:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	9755	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	31587	0.400	ng	#	0.00
13) Acenaphthene-d10	14.430	164	19083	0.400	ng		0.00
19) Phenanthrene-d10	17.186	188	35527	0.400	ng		0.00
29) Chrysene-d12	21.376	240	22182	0.400	ng		0.00
35) Perylene-d12	23.686	264	18716	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	10160	0.442	ng		0.00
5) Phenol-d6	6.937	99	12871	0.460	ng		0.00
8) Nitrobenzene-d5	8.929	82	10123	0.397	ng		0.00
11) 2-Methylnaphthalene-d10	12.172	152	18331	0.406	ng		0.00
14) 2,4,6-Tribromophenol	15.932	330	3056	0.389	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	28689	0.375	ng		0.00
27) Fluoranthene-d10	19.220	212	32509	0.363	ng		0.00
31) Terphenyl-d14	19.819	244	22379	0.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	4024	0.399	ng		98
3) n-Nitrosodimethylamine	3.565	42	4892	0.377	ng		97
6) bis(2-Chloroethyl)ether	7.190	93	10881	0.396	ng		99
9) Naphthalene	10.626	128	33878	0.389	ng		100
10) Hexachlorobutadiene	10.925	225	5726	0.390	ng	#	99
12) 2-Methylnaphthalene	12.248	142	23182	0.400	ng		100
16) Acenaphthylene	14.153	152	32424	0.375	ng		100
17) Acenaphthene	14.495	154	22629	0.374	ng		99
18) Fluorene	15.489	166	30081	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.560	198	1148	0.353	ng		98
21) 4-Bromophenyl-phenylether	16.379	248	9128	0.392	ng		92
22) Hexachlorobenzene	16.491	284	10275	0.388	ng		99
23) Atrazine	16.652	200	6435	0.377	ng		100
24) Pentachlorophenol	16.838	266	2525	0.221	ng		99
25) Phenanthrene	17.223	178	42341	0.375	ng		100
26) Anthracene	17.322	178	37096	0.376	ng		99
28) Fluoranthene	19.253	202	44478	0.353	ng		99
30) Pyrene	19.610	202	44199	0.441	ng		100
32) Benzo(a)anthracene	21.358	228	30182	0.381	ng		99
33) Chrysene	21.411	228	33383	0.389	ng		100
34) Bis(2-ethylhexyl)phtha...	21.295	149	22533	0.541	ng		99
36) Indeno(1,2,3-cd)pyrene	26.037	276	32858	0.427	ng		100
37) Benzo(b)fluoranthene	22.990	252	29278m	0.366	ng		
38) Benzo(k)fluoranthene	23.031	252	29613	0.368	ng		98
39) Benzo(a)pyrene	23.587	252	24662	0.385	ng	#	92
40) Dibenzo(a,h)anthracene	26.060	278	25340	0.428	ng		99
41) Benzo(g,h,i)perylene	26.756	276	28158	0.417	ng		99

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

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