Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091725\
Data File : BN037740.D
Acq On : 17 Sep 2025 11:25
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 17 12:51:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 14:20:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.840	152	6660	0.400	ng		0.00
7) Naphthalene-d8	10.648	136	18396	0.400	ng	#	0.00
13) Acenaphthene-d10	14.495	164	8930	0.400	ng		0.00
19) Phenanthrene-d10	17.235	188	15814	0.400	ng		0.00
29) Chrysene-d12	21.420	240	13841	0.400	ng		0.00
35) Perylene-d12	23.753	264	14132	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	6167	0.403	ng		0.00
5) Phenol-d6	6.988	99	7831	0.395	ng		0.00
8) Nitrobenzene-d5	8.982	82	5219	0.388	ng		-0.01
11) 2-Methylnaphthalene-d10	12.238	152	9519	0.391	ng		0.00
14) 2,4,6-Tribromophenol	15.982	330	1095	0.470	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	14468	0.387	ng		0.00
27) Fluoranthene-d10	19.267	212	14803	0.373	ng		0.00
31) Terphenyl-d14	19.866	244	10481	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	2988	0.431	ng		92
3) n-Nitrosodimethylamine	3.601	42	3189	0.352	ng		82
6) bis(2-Chloroethyl)ether	7.255	93	7035	0.397	ng		98
9) Naphthalene	10.690	128	19558	0.389	ng		100
10) Hexachlorobutadiene	10.989	225	3461	0.380	ng	#	99
12) 2-Methylnaphthalene	12.309	142	12157	0.391	ng		99
16) Acenaphthylene	14.206	152	15354	0.375	ng		100
17) Acenaphthene	14.559	154	10379	0.375	ng		99
18) Fluorene	15.535	166	12010	0.358	ng		99
20) 4,6-Dinitro-2-methylph...	15.609	198	512	0.350	ng		83
21) 4-Bromophenyl-phenylether	16.429	248	4071	0.395	ng	#	73
22) Hexachlorobenzene	16.553	284	4849	0.409	ng		96
23) Atrazine	16.702	200	2432	0.371	ng		99
24) Pentachlorophenol	16.888	266	3857	1.120	ng		97
25) Phenanthrene	17.273	178	19056	0.383	ng		100
26) Anthracene	17.372	178	16581	0.376	ng		100
28) Fluoranthene	19.299	202	20777	0.381	ng		99
30) Pyrene	19.661	202	20869	0.385	ng		100
32) Benzo(a)anthracene	21.402	228	18615	0.386	ng		99
33) Chrysene	21.456	228	20188	0.390	ng		100
34) Bis(2-ethylhexyl)phtha...	21.349	149	6080	0.425	ng		97
36) Indeno(1,2,3-cd)pyrene	26.139	276	23556	0.397	ng		98
37) Benzo(b)fluoranthene	23.046	252	21437	0.385	ng		99
38) Benzo(k)fluoranthene	23.092	252	21654	0.382	ng		100
39) Benzo(a)pyrene	23.648	252	17359	0.390	ng		98
40) Dibenzo(a,h)anthracene	26.159	278	18747	0.395	ng		97
41) Benzo(g,h,i)perylene	26.864	276	21072	0.396	ng		97

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

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