Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091925\
Data File : BN037813.D
Acq On : 19 Sep 2025 14:19
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 19 15:09:21 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	7.833	152	4812	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	12410	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	5585	0.400	ng		-0.01
19) Phenanthrene-d10	17.235	188	9638	0.400	ng		# 0.00
29) Chrysene-d12	21.411	240	8466	0.400	ng		0.00
35) Perylene-d12	23.739	264	8084	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	4556	0.412	ng		0.00
5) Phenol-d6	6.981	99	5192	0.362	ng		0.00
8) Nitrobenzene-d5	8.982	82	3525	0.388	ng		-0.01
11) 2-Methylnaphthalene-d10	12.228	152	5866	0.357	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	674	0.463	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	8872	0.380	ng		-0.01
27) Fluoranthene-d10	19.262	212	8646	0.357	ng		0.00
31) Terphenyl-d14	19.861	244	6183	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	1973	0.394	ng		96
3) n-Nitrosodimethylamine	3.608	42	2320	0.354	ng		92
6) bis(2-Chloroethyl)ether	7.248	93	4798	0.375	ng		99
9) Naphthalene	10.680	128	13094	0.386	ng		99
10) Hexachlorobutadiene	10.979	225	2398	0.391	ng	#	100
12) 2-Methylnaphthalene	12.299	142	7752	0.369	ng		98
16) Acenaphthylene	14.195	152	9175	0.358	ng		100
17) Acenaphthene	14.548	154	6415	0.370	ng		97
18) Fluorene	15.535	166	7451	0.355	ng		100
20) 4,6-Dinitro-2-methylph...	15.597	198	309	0.346	ng	#	73
21) 4-Bromophenyl-phenylether	16.429	248	2295	0.365	ng	#	95
22) Hexachlorobenzene	16.540	284	3006	0.416	ng		98
23) Atrazine	16.689	200	1460	0.365	ng		96
24) Pentachlorophenol	16.876	266	969	0.462	ng		96
25) Phenanthrene	17.273	178	11575	0.381	ng		100
26) Anthracene	17.360	178	9951	0.370	ng		99
28) Fluoranthene	19.290	202	12394	0.372	ng		100
30) Pyrene	19.652	202	12322	0.372	ng		100
32) Benzo(a)anthracene	21.393	228	10829	0.367	ng		99
33) Chrysene	21.447	228	12256	0.387	ng		99
34) Bis(2-ethylhexyl)phtha...	21.331	149	3318	0.379	ng		99
36) Indeno(1,2,3-cd)pyrene	26.124	276	13502	0.398	ng		98
37) Benzo(b)fluoranthene	23.034	252	12627	0.397	ng	#	95
38) Benzo(k)fluoranthene	23.081	252	12470	0.384	ng	#	95
39) Benzo(a)pyrene	23.633	252	9793	0.384	ng	#	93
40) Dibenzo(a,h)anthracene	26.139	278	10208	0.376	ng		98
41) Benzo(g,h,i)perylene	26.846	276	12010	0.395	ng		99

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

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