Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091825\
Data File : BN037811.D
Acq On : 19 Sep 2025 13:03
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 19 13:27:51 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	5811	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	15706	0.400	ng		#-0.01
13) Acenaphthene-d10	14.484	164	7363	0.400	ng		-0.01
19) Phenanthrene-d10	17.223	188	13521	0.400	ng		-0.01
29) Chrysene-d12	21.411	240	12361	0.400	ng		0.00
35) Perylene-d12	23.741	264	12915	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	6068	0.455	ng		0.00
5) Phenol-d6	6.980	99	6833	0.395	ng		0.00
8) Nitrobenzene-d5	8.982	82	4585	0.399	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	7805	0.375	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	963	0.501	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	11890	0.386	ng		-0.01
27) Fluoranthene-d10	19.262	212	12937	0.381	ng		0.00
31) Terphenyl-d14	19.856	244	9455	0.377	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.297	88	2462	0.407	ng		95
3) n-Nitrosodimethylamine	3.608	42	3283	0.415	ng		93
6) bis(2-Chloroethyl)ether	7.248	93	6036	0.391	ng		99
9) Naphthalene	10.680	128	16766	0.391	ng		100
10) Hexachlorobutadiene	10.979	225	3007	0.387	ng	#	100
12) 2-Methylnaphthalene	12.303	142	10188	0.384	ng		99
16) Acenaphthylene	14.206	152	12502	0.370	ng		99
17) Acenaphthene	14.548	154	8660	0.379	ng		98
18) Fluorene	15.535	166	10559	0.382	ng		99
20) 4,6-Dinitro-2-methylph...	15.597	198	416	0.332	ng	#	84
21) 4-Bromophenyl-phenylether	16.429	248	3252	0.369	ng		97
22) Hexachlorobenzene	16.540	284	4063	0.401	ng		99
23) Atrazine	16.689	200	2102	0.375	ng		95
24) Pentachlorophenol	16.888	266	1388	0.471	ng		93
25) Phenanthrene	17.273	178	16630	0.391	ng		100
26) Anthracene	17.359	178	14242	0.378	ng		100
28) Fluoranthene	19.290	202	18266	0.391	ng		100
30) Pyrene	19.652	202	18234	0.377	ng		100
32) Benzo(a)anthracene	21.393	228	16344	0.379	ng		100
33) Chrysene	21.447	228	18321	0.396	ng		99
34) Bis(2-ethylhexyl)phtha...	21.331	149	5701	0.446	ng		99
36) Indeno(1,2,3-cd)pyrene	26.124	276	24237	0.447	ng		100
37) Benzo(b)fluoranthene	23.037	252	19797	0.389	ng		98
38) Benzo(k)fluoranthene	23.084	252	20862	0.402	ng		99
39) Benzo(a)pyrene	23.639	252	15816	0.388	ng		97
40) Dibenzo(a,h)anthracene	26.139	278	18950	0.437	ng		97
41) Benzo(g,h,i)perylene	26.846	276	18988	0.391	ng		97

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

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