Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092225\
Data File : BN037849.D
Acq On : 22 Sep 2025 10:19
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 22 11:54:46 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	6007	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	15935	0.400	ng		-0.01
13) Acenaphthene-d10	14.484	164	7024	0.400	ng		-0.01
19) Phenanthrene-d10	17.223	188	11177	0.400	ng		-0.01
29) Chrysene-d12	21.411	240	8688	0.400	ng		0.00
35) Perylene-d12	23.738	264	8600	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	5395	0.391	ng		0.00
5) Phenol-d6	6.988	99	6719	0.376	ng		0.00
8) Nitrobenzene-d5	8.982	82	4692	0.403	ng		-0.01
11) 2-Methylnaphthalene-d10	12.227	152	8829	0.418	ng		-0.02
14) 2,4,6-Tribromophenol	15.969	330	812	0.443	ng		-0.01
15) 2-Fluorobiphenyl	13.105	172	11748	0.400	ng		-0.01
27) Fluoranthene-d10	19.257	212	10663	0.380	ng		-0.01
31) Terphenyl-d14	19.856	244	6310	0.358	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	2524	0.403	ng		94
3) n-Nitrosodimethylamine	3.608	42	3046	0.373	ng		90
6) bis(2-Chloroethyl)ether	7.248	93	6305	0.395	ng		99
9) Naphthalene	10.680	128	16803	0.386	ng		100
10) Hexachlorobutadiene	10.989	225	2967	0.377	ng	#	100
12) 2-Methylnaphthalene	12.304	142	10097	0.375	ng		99
16) Acenaphthylene	14.195	152	11802	0.366	ng		99
17) Acenaphthene	14.548	154	8351	0.383	ng		99
18) Fluorene	15.522	166	9450	0.358	ng		100
20) 4,6-Dinitro-2-methylph...	15.597	198	305	0.295	ng	#	65
21) 4-Bromophenyl-phenylether	16.429	248	2861	0.393	ng		95
22) Hexachlorobenzene	16.540	284	3680	0.439	ng		98
23) Atrazine	16.689	200	1643	0.354	ng		96
24) Pentachlorophenol	16.875	266	1064	0.437	ng		99
25) Phenanthrene	17.273	178	13567	0.386	ng		99
26) Anthracene	17.360	178	11399	0.366	ng		99
28) Fluoranthene	19.290	202	13302	0.345	ng		100
30) Pyrene	19.652	202	13103	0.385	ng		100
32) Benzo(a)anthracene	21.393	228	11214	0.370	ng		100
33) Chrysene	21.447	228	12655	0.389	ng		100
34) Bis(2-ethylhexyl)phtha...	21.331	149	3687	0.410	ng		99
36) Indeno(1,2,3-cd)pyrene	26.118	276	14013	0.388	ng		99
37) Benzo(b)fluoranthene	23.031	252	13342	0.394	ng	#	94
38) Benzo(k)fluoranthene	23.078	252	13191	0.382	ng	#	94
39) Benzo(a)pyrene	23.633	252	10590	0.391	ng	#	92
40) Dibenzo(a,h)anthracene	26.136	278	10527	0.365	ng		99
41) Benzo(g,h,i)perylene	26.841	276	12869	0.398	ng		99

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

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