Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
Data File : BN037923.D
Acq On : 26 Sep 2025 12:50
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 26 13:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	6892	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	19797	0.400	ng		#-0.01
13) Acenaphthene-d10	14.473	164	10716	0.400	ng		0.00
19) Phenanthrene-d10	17.223	188	21456	0.400	ng		0.00
29) Chrysene-d12	21.402	240	18723	0.400	ng		0.00
35) Perylene-d12	23.736	264	18769	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	6509	0.414	ng		0.00
5) Phenol-d6	6.973	99	8479	0.410	ng		0.00
8) Nitrobenzene-d5	8.971	82	6335	0.420	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	10369	0.377	ng		0.00
14) 2,4,6-Tribromophenol	15.969	330	1589	0.391	ng		0.00
15) 2-Fluorobiphenyl	13.094	172	17465	0.398	ng		0.00
27) Fluoranthene-d10	19.253	212	19689	0.365	ng		0.00
31) Terphenyl-d14	19.852	244	14180	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	2894	0.414	ng		99
3) n-Nitrosodimethylamine	3.601	42	3442	0.370	ng	#	92
6) bis(2-Chloroethyl)ether	7.233	93	7646	0.399	ng		100
9) Naphthalene	10.669	128	21821	0.400	ng		99
10) Hexachlorobutadiene	10.968	225	3808	0.409	ng	#	98
12) 2-Methylnaphthalene	12.288	142	13909	0.390	ng		99
16) Acenaphthylene	14.185	152	18093	0.372	ng		100
17) Acenaphthene	14.537	154	13254	0.382	ng		99
18) Fluorene	15.523	166	15606	0.372	ng		99
20) 4,6-Dinitro-2-methylph...	15.585	198	921	0.401	ng	#	54
21) 4-Bromophenyl-phenylether	16.416	248	5194	0.371	ng	#	90
22) Hexachlorobenzene	16.528	284	6551	0.386	ng		99
23) Atrazine	16.677	200	4156	0.390	ng	#	90
24) Pentachlorophenol	16.876	266	2077	0.357	ng		96
25) Phenanthrene	17.260	178	26419	0.374	ng		100
26) Anthracene	17.347	178	22119	0.361	ng		100
28) Fluoranthene	19.285	202	28748	0.370	ng		100
30) Pyrene	19.647	202	28521	0.386	ng		100
32) Benzo(a)anthracene	21.384	228	24459	0.374	ng		100
33) Chrysene	21.438	228	27631	0.390	ng		100
34) Bis(2-ethylhexyl)phtha...	21.331	149	9722	0.376	ng		100
36) Indeno(1,2,3-cd)pyrene	26.110	276	35285	0.411	ng		98
37) Benzo(b)fluoranthene	23.031	252	30482	0.377	ng		99
38) Benzo(k)fluoranthene	23.075	252	30484	0.374	ng		99
39) Benzo(a)pyrene	23.633	252	24133	0.377	ng		98
40) Dibenzo(a,h)anthracene	26.127	278	27376	0.409	ng		99
41) Benzo(g,h,i)perylene	26.835	276	27254	0.387	ng		99

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

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