Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120125\
Data File : BN038248.D
Acq On : 02 Dec 2025 04:44
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 02 05:08:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:04:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	10250	0.400	ng		0.00
7) Naphthalene-d8	10.562	136	30844	0.400	ng		#-0.01
13) Acenaphthene-d10	14.420	164	14264	0.400	ng		-0.01
19) Phenanthrene-d10	17.173	188	20647	0.400	ng		#-0.01
29) Chrysene-d12	21.366	240	14639	0.400	ng		# 0.00
35) Perylene-d12	23.674	264	15261	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	10445	0.436	ng		0.00
5) Phenol-d6	6.930	99	13237	0.442	ng		0.00
8) Nitrobenzene-d5	8.918	82	9976	0.404	ng		0.00
11) 2-Methylnaphthalene-d10	12.162	152	17348	0.396	ng		0.00
14) 2,4,6-Tribromophenol	15.920	330	1848	0.412	ng		-0.01
15) 2-Fluorobiphenyl	13.040	172	23718	0.430	ng		-0.01
27) Fluoranthene-d10	19.215	212	19068	0.426	ng		0.00
31) Terphenyl-d14	19.815	244	12613	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	4262	0.395	ng		98
3) n-Nitrosodimethylamine	3.557	42	5603	0.421	ng	#	98
6) bis(2-Chloroethyl)ether	7.183	93	12341	0.431	ng		98
9) Naphthalene	10.616	128	35905	0.419	ng		100
10) Hexachlorobutadiene	10.914	225	6320	0.434	ng	#	98
12) 2-Methylnaphthalene	12.238	142	22514	0.399	ng		100
16) Acenaphthylene	14.142	152	26695	0.419	ng		100
17) Acenaphthene	14.484	154	18161	0.408	ng		98
18) Fluorene	15.478	166	22344	0.388	ng		98
20) 4,6-Dinitro-2-methylph...	15.560	198	338	0.325	ng	#	83
21) 4-Bromophenyl-phenylether	16.366	248	6262	0.438	ng	#	76
22) Hexachlorobenzene	16.491	284	7188	0.409	ng		99
23) Atrazine	16.640	200	3923	0.429	ng	#	93
24) Pentachlorophenol	16.838	266	2138	0.443	ng		97
25) Phenanthrene	17.223	178	27027	0.417	ng		99
26) Anthracene	17.310	178	23016	0.416	ng		99
28) Fluoranthene	19.243	202	27125	0.434	ng		99
30) Pyrene	19.606	202	27307	0.373	ng		100
32) Benzo(a)anthracene	21.348	228	21799	0.440	ng		100
33) Chrysene	21.402	228	24797	0.424	ng		98
34) Bis(2-ethylhexyl)phtha...	21.286	149	13068	0.481	ng		99
36) Indeno(1,2,3-cd)pyrene	26.022	276	30080	0.426	ng		98
37) Benzo(b)fluoranthene	22.975	252	25327	0.404	ng		97
38) Benzo(k)fluoranthene	23.022	252	25148	0.386	ng		96
39) Benzo(a)pyrene	23.575	252	21958	0.418	ng		96
40) Dibenzo(a,h)anthracene	26.042	278	23186	0.434	ng		96
41) Benzo(g,h,i)perylene	26.741	276	26137	0.409	ng		99

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

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