Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100625\
Data File : BN038004.D
Acq On : 06 Oct 2025 11:06
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 06 11:33:05 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	7.804	152	8577	0.400	ng		-0.02
7) Naphthalene-d8	10.605	136	24563	0.400	ng		-0.02
13) Acenaphthene-d10	14.462	164	12995	0.400	ng		-0.01
19) Phenanthrene-d10	17.211	188	24790	0.400	ng		-0.01
29) Chrysene-d12	21.393	240	16589	0.400	ng		0.00
35) Perylene-d12	23.712	264	12046	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	6618	0.338	ng		0.00
5) Phenol-d6	6.959	99	8947	0.348	ng		-0.01
8) Nitrobenzene-d5	8.950	82	6768	0.361	ng		-0.02
11) 2-Methylnaphthalene-d10	12.202	152	12690	0.372	ng		-0.02
14) 2,4,6-Tribromophenol	15.957	330	1640	0.333	ng		-0.01
15) 2-Fluorobiphenyl	13.083	172	20947	0.394	ng		-0.01
27) Fluoranthene-d10	19.239	212	21205	0.340	ng		-0.01
31) Terphenyl-d14	19.838	244	14502	0.439	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	3263	0.375	ng		96
3) n-Nitrosodimethylamine	3.593	42	3975	0.343	ng	#	93
6) bis(2-Chloroethyl)ether	7.226	93	9228	0.387	ng		99
9) Naphthalene	10.658	128	26007	0.384	ng		99
10) Hexachlorobutadiene	10.957	225	4515	0.391	ng	#	99
12) 2-Methylnaphthalene	12.273	142	16595	0.375	ng		98
16) Acenaphthylene	14.174	152	22447	0.380	ng		99
17) Acenaphthene	14.527	154	15263	0.363	ng		97
18) Fluorene	15.510	166	17135	0.337	ng		99
20) 4,6-Dinitro-2-methylph...	15.585	198	791	0.318	ng	#	79
21) 4-Bromophenyl-phenylether	16.404	248	6280	0.389	ng	#	90
22) Hexachlorobenzene	16.516	284	7928	0.405	ng		99
23) Atrazine	16.665	200	3691	0.300	ng	#	91
24) Pentachlorophenol	16.863	266	2232	0.332	ng		96
25) Phenanthrene	17.248	178	30500	0.374	ng		99
26) Anthracene	17.335	178	25233	0.357	ng		100
28) Fluoranthene	19.271	202	31224	0.348	ng		100
30) Pyrene	19.634	202	30055	0.459	ng		100
32) Benzo(a)anthracene	21.375	228	21634	0.373	ng		99
33) Chrysene	21.429	228	24688	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.313	149	6295	0.274	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.080	276	19820	0.360	ng		99
37) Benzo(b)fluoranthene	23.011	252	21144	0.407	ng		97
38) Benzo(k)fluoranthene	23.057	252	20550	0.393	ng		97
39) Benzo(a)pyrene	23.610	252	15520	0.378	ng		94
40) Dibenzo(a,h)anthracene	26.095	278	15387	0.358	ng		97
41) Benzo(g,h,i)perylene	26.800	276	17620	0.390	ng		99

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

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