Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037961.D
Acq On : 01 Oct 2025 01:10
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 01 01:46:54 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	7.811	152	7067	0.400	ng		-0.01
7) Naphthalene-d8	10.616	136	22573	0.400	ng		-0.01
13) Acenaphthene-d10	14.462	164	11380	0.400	ng		-0.01
19) Phenanthrene-d10	17.211	188	22791	0.400	ng		#-0.01
29) Chrysene-d12	21.393	240	20365	0.400	ng		0.00
35) Perylene-d12	23.718	264	18357	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	6387	0.396	ng		0.00
5) Phenol-d6	6.966	99	7961	0.376	ng		0.00
8) Nitrobenzene-d5	8.961	82	5759	0.334	ng		-0.01
11) 2-Methylnaphthalene-d10	12.212	152	11481	0.366	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	1633	0.378	ng		-0.01
15) 2-Fluorobiphenyl	13.083	172	17995	0.386	ng		-0.01
27) Fluoranthene-d10	19.248	212	20732	0.362	ng		0.00
31) Terphenyl-d14	19.842	244	15202	0.375	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	2852	0.398	ng		98
3) n-Nitrosodimethylamine	3.600	42	3493	0.366	ng	#	92
6) bis(2-Chloroethyl)ether	7.233	93	7796	0.396	ng		99
9) Naphthalene	10.669	128	23957	0.385	ng		98
10) Hexachlorobutadiene	10.968	225	4180	0.394	ng	#	100
12) 2-Methylnaphthalene	12.283	142	15280	0.376	ng		99
16) Acenaphthylene	14.184	152	19157	0.371	ng		99
17) Acenaphthene	14.527	154	13706	0.372	ng		99
18) Fluorene	15.510	166	16311	0.366	ng		99
20) 4,6-Dinitro-2-methylph...	15.585	198	807	0.344	ng	#	72
21) 4-Bromophenyl-phenylether	16.404	248	5602	0.377	ng	#	83
22) Hexachlorobenzene	16.528	284	7183	0.399	ng		99
23) Atrazine	16.677	200	3749	0.331	ng		95
24) Pentachlorophenol	16.863	266	2266	0.367	ng		95
25) Phenanthrene	17.260	178	28035	0.374	ng		99
26) Anthracene	17.347	178	23461	0.361	ng		100
28) Fluoranthene	19.276	202	30576	0.370	ng		99
30) Pyrene	19.638	202	30058	0.374	ng		100
32) Benzo(a)anthracene	21.375	228	26565	0.373	ng		100
33) Chrysene	21.429	228	30061	0.391	ng		100
34) Bis(2-ethylhexyl)phtha...	21.313	149	11256	0.400	ng		98
36) Indeno(1,2,3-cd)pyrene	26.086	276	31200	0.372	ng		98
37) Benzo(b)fluoranthene	23.013	252	31172	0.394	ng		99
38) Benzo(k)fluoranthene	23.060	252	30119	0.378	ng		99
39) Benzo(a)pyrene	23.616	252	23701	0.379	ng		99
40) Dibenzo(a,h)anthracene	26.104	278	24289	0.371	ng		99
41) Benzo(g,h,i)perylene	26.811	276	24936	0.362	ng		99

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

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