Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093025\
Data File : BN037943.D
Acq On : 30 Sep 2025 12:16
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 30 12:57:45 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	9644	0.400	ng		-0.01
7) Naphthalene-d8	10.616	136	27222	0.400	ng		-0.01
13) Acenaphthene-d10	14.462	164	14738	0.400	ng		-0.01
19) Phenanthrene-d10	17.211	188	29357	0.400	ng		#-0.01
29) Chrysene-d12	21.402	240	26509	0.400	ng		# 0.00
35) Perylene-d12	23.724	264	23943	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.377	112	8084	0.367	ng		0.00
5) Phenol-d6	6.966	99	10620	0.367	ng		0.00
8) Nitrobenzene-d5	8.961	82	7488	0.361	ng		-0.01
11) 2-Methylnaphthalene-d10	12.212	152	14048	0.372	ng		0.00
14) 2,4,6-Tribromophenol	15.957	330	2035	0.364	ng		-0.01
15) 2-Fluorobiphenyl	13.094	172	23610	0.391	ng		0.00
27) Fluoranthene-d10	19.248	212	27753	0.376	ng		0.00
31) Terphenyl-d14	19.847	244	19831	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	3677	0.376	ng		96
3) n-Nitrosodimethylamine	3.601	42	4449	0.342	ng	#	90
6) bis(2-Chloroethyl)ether	7.233	93	10471	0.390	ng		100
9) Naphthalene	10.669	128	28368	0.378	ng		99
10) Hexachlorobutadiene	10.968	225	4886	0.382	ng	#	99
12) 2-Methylnaphthalene	12.283	142	18384	0.375	ng		98
16) Acenaphthylene	14.185	152	24657	0.368	ng		100
17) Acenaphthene	14.527	154	17357	0.364	ng		99
18) Fluorene	15.510	166	20758	0.360	ng		100
20) 4,6-Dinitro-2-methylph...	15.585	198	1109	0.362	ng	#	67
21) 4-Bromophenyl-phenylether	16.404	248	7246	0.379	ng	#	80
22) Hexachlorobenzene	16.528	284	8761	0.378	ng		99
23) Atrazine	16.677	200	4829	0.331	ng	#	95
24) Pentachlorophenol	16.876	266	2764	0.347	ng		97
25) Phenanthrene	17.260	178	35729	0.370	ng		100
26) Anthracene	17.347	178	29914	0.357	ng		100
28) Fluoranthene	19.280	202	40271	0.378	ng		100
30) Pyrene	19.638	202	38630	0.369	ng		100
32) Benzo(a)anthracene	21.384	228	34072	0.368	ng		98
33) Chrysene	21.438	228	37657	0.376	ng		99
34) Bis(2-ethylhexyl)phtha...	21.322	149	13504	0.368	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.098	276	39384	0.360	ng		99
37) Benzo(b)fluoranthene	23.022	252	39090	0.379	ng		99
38) Benzo(k)fluoranthene	23.066	252	37838	0.364	ng		99
39) Benzo(a)pyrene	23.622	252	29300	0.359	ng		97
40) Dibenzo(a,h)anthracene	26.113	278	31094	0.364	ng		98
41) Benzo(g,h,i)perylene	26.820	276	33423	0.372	ng		99

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

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