Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021025\
Data File : BN036411.D
Acq On : 10 Feb 2025 13:36
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Feb 11 00:35:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 00:33:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.753	152	2219	0.400	ng		0.00
7) Naphthalene-d8	10.541	136	5528	0.400	ng		0.00
13) Acenaphthene-d10	14.388	164	3606	0.400	ng		0.00
19) Phenanthrene-d10	17.136	188	8328	0.400	ng		0.00
29) Chrysene-d12	21.322	240	7484	0.400	ng		0.00
35) Perylene-d12	23.595	264	7735	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.348	112	2078	0.368	ng		0.00
5) Phenol-d6	6.937	99	2290	0.348	ng		0.00
8) Nitrobenzene-d5	8.907	82	2015	0.391	ng		0.00
11) 2-Methylnaphthalene-d10	12.141	152	3329	0.440	ng		0.00
14) 2,4,6-Tribromophenol	15.882	330	670	0.302	ng		0.00
15) 2-Fluorobiphenyl	13.019	172	4965	0.323	ng		0.00
27) Fluoranthene-d10	19.169	212	8851	0.413	ng		0.00
31) Terphenyl-d14	19.768	244	6378	0.412	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.268	88	961	0.392	ng		99
3) n-Nitrosodimethylamine	3.579	42	1695	0.385	ng		100
6) bis(2-Chloroethyl)ether	7.183	93	2410	0.440	ng		100
9) Naphthalene	10.594	128	6168	0.391	ng		100
10) Hexachlorobutadiene	10.883	225	1567	0.317	ng	#	100
12) 2-Methylnaphthalene	12.212	142	4078	0.411	ng		100
16) Acenaphthylene	14.110	152	6103	0.366	ng		100
17) Acenaphthene	14.452	154	4132	0.362	ng		100
18) Fluorene	15.446	166	5991	0.407	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	572	0.307	ng		100
21) 4-Bromophenyl-phenylether	16.329	248	1920	0.337	ng		100
22) Hexachlorobenzene	16.453	284	2369	0.318	ng		100
23) Atrazine	16.615	200	1560	0.372	ng		100
24) Pentachlorophenol	16.801	266	1018	0.313	ng		99
25) Phenanthrene	17.173	178	9119	0.374	ng		100
26) Anthracene	17.273	178	8056	0.363	ng		100
28) Fluoranthene	19.201	202	11264	0.389	ng		100
30) Pyrene	19.564	202	11479	0.384	ng		100
32) Benzo(a)anthracene	21.313	228	9677	0.364	ng		100
33) Chrysene	21.358	228	10178	0.373	ng		100
34) Bis(2-ethylhexyl)phtha...	21.241	149	5815	0.392	ng		100
36) Indeno(1,2,3-cd)pyrene	25.899	276	10661	0.351	ng		100
37) Benzo(b)fluoranthene	22.911	252	9743	0.355	ng		100
38) Benzo(k)fluoranthene	22.958	252	10543	0.377	ng		100
39) Benzo(a)pyrene	23.499	252	8521	0.362	ng		100
40) Dibenzo(a,h)anthracene	25.917	278	8314	0.344	ng		100
41) Benzo(g,h,i)perylene	26.601	276	9701	0.366	ng		100

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

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