Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051225\
Data File : BN036984.D
Acq On : 12 May 2025 14:55
Operator : RC/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: May 12 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 12 17:44:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.625	152	1695	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	4298	0.40	ng		0.00
13) Acenaphthene-d10	14.267	164	2373	0.40	ng		0.00
19) Phenanthrene-d10	17.009	188	4906	0.40	ng		0.00
29) Chrysene-d12	21.206	240	4184	0.40	ng		0.00
35) Perylene-d12	23.415	264	3988	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.213	112	1902	0.44	ng		0.00
5) Phenol-d6	6.795	99	2256	0.43	ng		0.00
8) Nitrobenzene-d5	8.771	82	1801	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.001	152	2331	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	440	0.40	ng		0.00
15) 2-Fluorobiphenyl	12.888	172	4636	0.42	ng		0.00
27) Fluoranthene-d10	19.049	212	5212	0.39	ng		0.00
31) Terphenyl-d14	19.658	244	3747	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.148	88	920	0.42	ng		100
3) n-Nitrosodimethylamine	3.458	42	1837	0.41	ng		100
6) bis(2-Chloroethyl)ether	7.055	93	1953	0.40	ng		100
9) Naphthalene	10.447	128	4974	0.40	ng		100
10) Hexachlorobutadiene	10.746	225	1087	0.41	ng	#	100
12) 2-Methylnaphthalene	12.077	142	3145	0.39	ng		100
16) Acenaphthylene	13.989	152	4501	0.39	ng		100
17) Acenaphthene	14.331	154	3015	0.40	ng		100
18) Fluorene	15.325	166	4051	0.40	ng		100
20) 4,6-Dinitro-2-methylph...	15.410	198	462	0.37	ng		100
21) 4-Bromophenyl-phenylether	16.214	248	1240	0.39	ng		100
22) Hexachlorobenzene	16.326	284	1367	0.40	ng		100
23) Atrazine	16.487	200	1087	0.39	ng		100
24) Pentachlorophenol	16.673	266	688	0.36	ng		100
25) Phenanthrene	17.058	178	6311	0.39	ng		100
26) Anthracene	17.145	178	5618	0.38	ng		100
28) Fluoranthene	19.082	202	7368	0.39	ng		100
30) Pyrene	19.444	202	7455	0.39	ng		100
32) Benzo(a)anthracene	21.197	228	6209	0.39	ng		100
33) Chrysene	21.242	228	6744	0.40	ng		100
34) Bis(2-ethylhexyl)phtha...	21.135	149	3799	0.39	ng		100
36) Indeno(1,2,3-cd)pyrene	25.626	276	6246	0.40	ng		100
37) Benzo(b)fluoranthene	22.754	252	6319	0.38	ng		100
38) Benzo(k)fluoranthene	22.795	252	6491	0.39	ng		100
39) Benzo(a)pyrene	23.319	252	5404	0.39	ng		100
40) Dibenzo(a,h)anthracene	25.637	278	4920	0.40	ng		100
41) Benzo(g,h,i)perylene	26.298	276	5478	0.40	ng		100

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

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