Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025476.D
Acq On : 18 May 2023 15:10
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: May 18 17:48:22 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 15:44:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.077	152	7462	0.400	ng		0.00
7) Naphthalene-d8	10.899	136	20635	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	13381	0.400	ng		0.00
19) Phenanthrene-d10	17.447	188	28250	0.400	ng		0.00
29) Chrysene-d12	21.625	240	24382	0.400	ng	#	0.00
35) Perylene-d12	24.156	264	20724	0.400	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.614	112	73570	4.368	ng		0.00
5) Phenol-d6	7.218	99	99354	4.595	ng		0.00
8) Nitrobenzene-d5	9.234	82	79407	4.820	ng		0.00
11) 2-Methylnaphthalene-d10	12.476	152	137898	4.806	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	26558	5.090	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	232214	4.536	ng		0.00
27) Fluoranthene-d10	19.473	212	314084	4.816	ng		0.00
31) Terphenyl-d14	20.058	244	202229	4.666	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	31509	4.139	ng		98
3) n-Nitrosodimethylamine	3.773	42	40123	4.783	ng	#	98
6) bis(2-Chloroethyl)ether	7.492	93	90787	4.319	ng		98
9) Naphthalene	10.953	128	245034	4.668	ng		99
10) Hexachlorobutadiene	11.241	225	45043	4.519	ng	#	99
12) 2-Methylnaphthalene	12.551	142	181848	4.790	ng		99
16) Acenaphthylene	14.427	152	302794	4.955	ng		100
17) Acenaphthene	14.769	154	194240	4.820	ng		97
18) Fluorene	15.747	166	238701	4.789	ng		95
20) 4,6-Dinitro-2-methylph...	15.809	198	32875	5.597	ng		93
21) 4-Bromophenyl-phenylether	16.641	248	79918	4.806	ng		98
22) Hexachlorobenzene	16.752	284	74451	4.793	ng		99
23) Atrazine	16.901	200	67656	5.000	ng		98
24) Pentachlorophenol	17.087	266	44135	5.633	ng		99
25) Phenanthrene	17.485	178	394318	4.764	ng		100
26) Anthracene	17.584	178	390531	5.042	ng		100
28) Fluoranthene	19.502	202	451651	4.801	ng		100
30) Pyrene	19.861	202	483006	4.965	ng		98
32) Benzo(a)anthracene	21.607	228	424459	4.807	ng		99
33) Chrysene	21.670	228	406489	4.643	ng		99
34) Bis(2-ethylhexyl)phtha...	21.536	149	255670	4.920	ng		99
36) Indeno(1,2,3-cd)pyrene	26.807	276	400107	4.771	ng		100
37) Benzo(b)fluoranthene	23.378	252	384198	4.995	ng		96
38) Benzo(k)fluoranthene	23.431	252	395438	5.051	ng		97
39) Benzo(a)pyrene	24.036	252	365898	5.053	ng		96
40) Dibenzo(a,h)anthracene	26.837	278	319770	4.760	ng		97
41) Benzo(g,h,i)perylene	27.620	276	329533	4.652	ng		99

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

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