Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025472.D
Acq On : 18 May 2023 12:48
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: May 18 17:47:19 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	7121	0.400	ng		0.00
7) Naphthalene-d8	10.899	136	19880	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	11857	0.400	ng		0.00
19) Phenanthrene-d10	17.447	188	27080	0.400	ng		0.00
29) Chrysene-d12	21.634	240	21885	0.400	ng		0.00
35) Perylene-d12	24.144	264	22346	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.614	112	7877	0.490	ng		0.00
5) Phenol-d6	7.218	99	9849	0.477	ng		0.00
8) Nitrobenzene-d5	9.234	82	7600	0.479	ng		0.00
11) 2-Methylnaphthalene-d10	12.476	152	12857	0.465	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	2162	0.468	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	22145	0.488	ng		0.00
27) Fluoranthene-d10	19.473	212	28879	0.462	ng		0.00
31) Terphenyl-d14	20.067	244	19686	0.506	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	3483	0.479	ng		100
3) n-Nitrosodimethylamine	3.787	42	3786	0.473	ng		100
6) bis(2-Chloroethyl)ether	7.492	93	9697	0.483	ng		100
9) Naphthalene	10.953	128	23988	0.474	ng		100
10) Hexachlorobutadiene	11.241	225	4662	0.485	ng	#	100
12) 2-Methylnaphthalene	12.551	142	17076	0.467	ng		100
16) Acenaphthylene	14.427	152	26032	0.481	ng		100
17) Acenaphthene	14.769	154	17109	0.479	ng		100
18) Fluorene	15.747	166	21165	0.479	ng		100
20) 4,6-Dinitro-2-methylph...	15.809	198	2470	0.439	ng		100
21) 4-Bromophenyl-phenylether	16.641	248	7423	0.466	ng		100
22) Hexachlorobenzene	16.752	284	6907	0.464	ng		100
23) Atrazine	16.901	200	5825	0.449	ng		100
24) Pentachlorophenol	17.100	266	3047	0.406	ng		100
25) Phenanthrene	17.485	178	36518	0.460	ng		100
26) Anthracene	17.584	178	34075	0.459	ng		100
28) Fluoranthene	19.502	202	41517	0.460	ng		100
30) Pyrene	19.865	202	42393	0.485	ng		100
32) Benzo(a)anthracene	21.616	228	38894	0.491	ng		100
33) Chrysene	21.670	228	38695	0.492	ng		100
34) Bis(2-ethylhexyl)phtha...	21.536	149	22361	0.479	ng		100
36) Indeno(1,2,3-cd)pyrene	26.769	276	41606	0.460	ng		100
37) Benzo(b)fluoranthene	23.369	252	37452	0.452	ng		100
38) Benzo(k)fluoranthene	23.422	252	38013	0.450	ng		100
39) Benzo(a)pyrene	24.027	252	34992	0.448	ng		100
40) Dibenzo(a,h)anthracene	26.796	278	33329	0.460	ng		100
41) Benzo(g,h,i)perylene	27.576	276	35491	0.465	ng		100

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

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