Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052423\
Data File : BN025585.D
Acq On : 24 May 2023 15:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2023
Supervised By :Jagrut Upadhyay 05/25/2023

Quant Time: May 25 06:09:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	3581	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	10315	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	6133	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	13476	0.400	ng		0.00
29) Chrysene-d12	21.625	240	9896	0.400	ng		# 0.00
35) Perylene-d12	24.126	264	9488	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.593	112	3903	0.424	ng		-0.01
5) Phenol-d6	7.203	99	4953	0.427	ng		0.00
8) Nitrobenzene-d5	9.223	82	3907	0.411	ng		-0.01
11) 2-Methylnaphthalene-d10	12.460	152	6220	0.411	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	976	0.381	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	11072	0.416	ng		0.00
27) Fluoranthene-d10	19.460	212	12562	0.393	ng		0.00
31) Terphenyl-d14	20.049	244	8682	0.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	1735	0.419	ng		98
3) n-Nitrosodimethylamine	3.773	42	2111	0.429	ng	#	91
6) bis(2-Chloroethyl)ether	7.470	93	4502	0.423	ng		100
9) Naphthalene	10.931	128	11890	0.416	ng		99
10) Hexachlorobutadiene	11.220	225	2050	0.411	ng	#	99
12) 2-Methylnaphthalene	12.532	142	8292	0.410	ng		99
16) Acenaphthylene	14.416	152	11837	0.393	ng		100
17) Acenaphthene	14.747	154	8308	0.400	ng		98
18) Fluorene	15.734	166	10304	0.397	ng		99
20) 4,6-Dinitro-2-methylph...	15.796	198	1217	0.341	ng	#	68
21) 4-Bromophenyl-phenylether	16.628	248	3267	0.409	ng	#	90
22) Hexachlorobenzene	16.740	284	2829	0.398	ng		96
23) Atrazine	16.876	200	2624	0.373	ng	#	93
24) Pentachlorophenol	17.075	266	1411	0.351	ng		98
25) Phenanthrene	17.472	178	17329	0.400	ng		99
26) Anthracene	17.559	178	15832	0.402	ng		100
28) Fluoranthene	19.485	202	19664	0.411	ng	#	97
30) Pyrene	19.852	202	19136	0.428	ng		100
32) Benzo(a)anthracene	21.607	228	15907	0.406	ng		99
33) Chrysene	21.661	228	16623	0.409	ng		99
34) Bis(2-ethylhexyl)phtha...	21.518	149	10226	0.420	ng		100
36) Indeno(1,2,3-cd)pyrene	26.746	276	16700	0.385	ng		98
37) Benzo(b)fluoranthene	23.357	252	16210m	0.424	ng		
38) Benzo(k)fluoranthene	23.404	252	16004	0.412	ng		99
39) Benzo(a)pyrene	24.009	252	14383	0.409	ng	#	94
40) Dibenzo(a,h)anthracene	26.766	278	13325	0.379	ng		98
41) Benzo(g,h,i)perylene	27.547	276	13638	0.368	ng		100

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

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