Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025553.D
Acq On : 23 May 2023 01:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/23/2023
Supervised By :Jagrut Upadhyay 05/23/2023

Quant Time: May 23 03:36:00 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	8.070	152	3618	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	10559	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	6207	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	13658	0.400	ng		0.00
29) Chrysene-d12	21.611	240	10157	0.400	ng	#	0.00
35) Perylene-d12	24.133	264	10545	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	4021	0.432	ng		0.00
5) Phenol-d6	7.210	99	5169	0.441	ng		0.00
8) Nitrobenzene-d5	9.223	82	3939	0.405	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	6268	0.405	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1023	0.395	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	11072	0.411	ng		0.00
27) Fluoranthene-d10	19.460	212	12586	0.389	ng		0.00
31) Terphenyl-d14	20.044	244	8754	0.416	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.447	88	1690	0.404	ng		99
3) n-Nitrosodimethylamine	3.787	42	1859	0.374	ng	#	96
6) bis(2-Chloroethyl)ether	7.477	93	4537	0.422	ng		100
9) Naphthalene	10.931	128	11937	0.408	ng		98
10) Hexachlorobutadiene	11.219	225	2086	0.408	ng	#	98
12) 2-Methylnaphthalene	12.536	142	8317	0.402	ng		98
16) Acenaphthylene	14.416	152	12099	0.397	ng		99
17) Acenaphthene	14.758	154	8465	0.403	ng		99
18) Fluorene	15.734	166	10492	0.400	ng		99
20) 4,6-Dinitro-2-methylph...	15.809	198	1329	0.368	ng		94
21) 4-Bromophenyl-phenylether	16.628	248	3313	0.410	ng		96
22) Hexachlorobenzene	16.740	284	2990	0.415	ng		99
23) Atrazine	16.889	200	2751	0.386	ng		96
24) Pentachlorophenol	17.087	266	1503	0.369	ng		99
25) Phenanthrene	17.472	178	17526	0.399	ng		99
26) Anthracene	17.571	178	15980	0.400	ng		100
28) Fluoranthene	19.489	202	18981	0.391	ng		100
30) Pyrene	19.848	202	19198	0.419	ng		100
32) Benzo(a)anthracene	21.593	228	16622	0.414	ng		99
33) Chrysene	21.656	228	17096	0.410	ng		100
34) Bis(2-ethylhexyl)phtha...	21.513	149	9892	0.396	ng		100
36) Indeno(1,2,3-cd)pyrene	26.764	276	19986	0.415	ng		98
37) Benzo(b)fluoranthene	23.358	252	17197m	0.405	ng		
38) Benzo(k)fluoranthene	23.411	252	17322	0.401	ng		99
39) Benzo(a)pyrene	24.013	252	15886	0.407	ng	#	95
40) Dibenzo(a,h)anthracene	26.794	278	16168	0.413	ng		99
41) Benzo(g,h,i)perylene	27.568	276	16264	0.395	ng		100

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

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