Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052223\
Data File : BN025555.D
Acq On : 23 May 2023 02:50
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

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

Quant Time: May 23 03:36:18 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	4229	0.400	ng		0.00
7) Naphthalene-d8	10.889	136	12136	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	7018	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	15337	0.400	ng		0.00
29) Chrysene-d12	21.611	240	11672	0.400	ng		0.00
35) Perylene-d12	24.125	264	12186	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	4834	0.444	ng		0.00
5) Phenol-d6	7.210	99	6075	0.443	ng		0.00
8) Nitrobenzene-d5	9.223	82	4577	0.410	ng		-0.01
11) 2-Methylnaphthalene-d10	12.464	152	7195	0.404	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1188	0.405	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	12802	0.421	ng		0.00
27) Fluoranthene-d10	19.456	212	14345	0.395	ng		0.00
31) Terphenyl-d14	20.044	244	9408	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	2016	0.412	ng		99
3) n-Nitrosodimethylamine	3.787	42	2138	0.368	ng		96
6) bis(2-Chloroethyl)ether	7.478	93	5399	0.430	ng		100
9) Naphthalene	10.931	128	13721	0.408	ng		99
10) Hexachlorobutadiene	11.220	225	2438	0.415	ng	#	99
12) 2-Methylnaphthalene	12.536	142	9590	0.403	ng		99
16) Acenaphthylene	14.416	152	13577	0.394	ng		99
17) Acenaphthene	14.758	154	9447	0.398	ng		98
18) Fluorene	15.734	166	11763	0.396	ng		100
20) 4,6-Dinitro-2-methylph...	15.809	198	1426	0.351	ng		97
21) 4-Bromophenyl-phenylether	16.628	248	3769	0.415	ng		91
22) Hexachlorobenzene	16.740	284	3423	0.423	ng		100
23) Atrazine	16.889	200	3044	0.380	ng		96
24) Pentachlorophenol	17.087	266	1716	0.375	ng		98
25) Phenanthrene	17.472	178	19806	0.402	ng		100
26) Anthracene	17.571	178	17785	0.397	ng		99
28) Fluoranthene	19.485	202	21436	0.393	ng		100
30) Pyrene	19.848	202	21654	0.411	ng		100
32) Benzo(a)anthracene	21.593	228	18657	0.404	ng		100
33) Chrysene	21.647	228	19599	0.409	ng		100
34) Bis(2-ethylhexyl)phtha...	21.513	149	10979	0.382	ng		99
36) Indeno(1,2,3-cd)pyrene	26.756	276	22565	0.405	ng		98
37) Benzo(b)fluoranthene	23.350	252	19325	0.394	ng		97
38) Benzo(k)fluoranthene	23.402	252	20349m	0.408	ng		
39) Benzo(a)pyrene	24.002	252	18056	0.400	ng	#	96
40) Dibenzo(a,h)anthracene	26.782	278	18339	0.406	ng		98
41) Benzo(g,h,i)perylene	27.566	276	18365	0.386	ng		98

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

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