Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061923\
Data File : BN025907.D
Acq On : 19 Jun 2023 19:11
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 20 04:17:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 14:10:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	4253	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	10852	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	5751	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	11790	0.400	ng	0.00
29) Chrysene-d12	21.560	240	8328	0.400	ng	0.00
35) Perylene-d12	24.048	264	8726	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	3897	0.326	ng	0.00
5) Phenol-d6	7.160	99	4427	0.302	ng	0.00
8) Nitrobenzene-d5	9.180	82	3385	0.336	ng	0.01
11) 2-Methylnaphthalene-d10	12.408	152	5996	0.384	ng	0.01
14) 2,4,6-Tribromophenol	16.140	330	579	0.327	ng	0.01
15) 2-Fluorobiphenyl	13.272	172	9194	0.378	ng	0.01
27) Fluoranthene-d10	19.407	212	10919	0.450	ng	0.00
31) Terphenyl-d14	20.002	244	6798	0.337	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	2097	0.420	ng	# 95
3) n-Nitrosodimethylamine	3.758	42	1139	0.179	ng	# 1
6) bis(2-Chloroethyl)ether	7.420	93	4624	0.347	ng	90
9) Naphthalene	10.867	128	12614	0.389	ng	98
10) Hexachlorobutadiene	11.145	225	2344	0.470	ng	# 99
12) 2-Methylnaphthalene	12.476	142	7909	0.383	ng	97
16) Acenaphthylene	14.352	152	10714	0.387	ng	100
17) Acenaphthene	14.694	154	7289	0.401	ng	100
18) Fluorene	15.680	166	9415	0.403	ng	100
20) 4,6-Dinitro-2-methylph...	15.792	198	582	0.273	ng	# 26
21) 4-Bromophenyl-phenylether	16.574	248	2728m	0.400	ng	
22) Hexachlorobenzene	16.686	284	2669	0.457	ng	94
23) Atrazine	16.835	200	2171	0.390	ng	96
24) Pentachlorophenol	17.046	266	600	0.275	ng	96
25) Phenanthrene	17.418	178	14408	0.398	ng	99
26) Anthracene	17.517	178	12564	0.379	ng	99
28) Fluoranthene	19.440	202	16384	0.458	ng	99
30) Pyrene	19.797	202	16826	0.357	ng	100
32) Benzo(a)anthracene	21.551	228	12122	0.377	ng	99
33) Chrysene	21.596	228	14196	0.417	ng	99
34) Bis(2-ethylhexyl)phtha...	21.453	149	8867	0.463	ng	97
36) Indeno(1,2,3-cd)pyrene	26.639	276	15973	0.423	ng	98
37) Benzo(b)fluoranthene	23.282	252	12988	0.377	ng	93
38) Benzo(k)fluoranthene	23.338	252	14219m	0.404	ng	
39) Benzo(a)pyrene	23.934	252	12691	0.389	ng	93
40) Dibenzo(a,h)anthracene	26.680	278	12036	0.397	ng	93
41) Benzo(g,h,i)perylene	27.428	276	15723	0.464	ng	99

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

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