Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101322\
Data File : BN022079.D
Acq On : 13 Oct 2022 09:21
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 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

Quant Time: Oct 14 08:46:45 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 01:51:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.964	152	3648	0.400	ng	0.00
7) Naphthalene-d8	10.784	136	11246	0.400	ng	-0.01
13) Acenaphthene-d10	14.632	164	6692	0.400	ng	0.00
19) Phenanthrene-d10	17.387	188	15178	0.400	ng	0.00
29) Chrysene-d12	21.582	240	13352	0.400	ng	# 0.00
35) Perylene-d12	24.055	264	10979	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.487	112	3610	0.427	ng	0.00
5) Phenol-d6	7.119	99	4492	0.410	ng	0.00
8) Nitrobenzene-d5	9.140	82	3540	0.392	ng	0.00
11) 2-Methylnaphthalene-d10	12.383	152	7531	0.364	ng	0.00
14) 2,4,6-Tribromophenol	16.121	330	1068	0.418	ng	-0.01
15) 2-Fluorobiphenyl	13.253	172	11349	0.388	ng	-0.01
27) Fluoranthene-d10	19.420	212	16074	0.398	ng	0.00
31) Terphenyl-d14	20.015	244	9617	0.358	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.298	88	1933m	0.409	ng	
3) n-Nitrosodimethylamine	3.645	42	1996	0.389	ng	# 97
6) bis(2-Chloroethyl)ether	7.379	93	4685	0.404	ng	99
9) Naphthalene	10.837	128	13496	0.397	ng	100
10) Hexachlorobutadiene	11.126	225	2290	0.389	ng	# 100
12) 2-Methylnaphthalene	12.089	142	2398	0.476	ng	# 95
16) Acenaphthylene	14.354	152	11707	0.368	ng	100
17) Acenaphthene	14.685	154	8901	0.398	ng	99
18) Fluorene	15.680	166	12923	0.479	ng	99
20) 4,6-Dinitro-2-methylph...	15.761	198	800	0.460	ng	# 78
21) 4-Bromophenyl-phenylether	16.568	248	3534	0.382	ng	92
22) Hexachlorobenzene	16.680	284	4314	0.375	ng	99
23) Atrazine	16.841	200	2630	0.383	ng	98
24) Pentachlorophenol	17.040	266	1395	0.395	ng	99
25) Phenanthrene	17.424	178	20518	0.393	ng	100
26) Anthracene	17.511	178	15851	0.378	ng	100
28) Fluoranthene	19.449	202	22231	0.398	ng	100
30) Pyrene	19.816	202	22077	0.377	ng	100
32) Benzo(a)anthracene	21.564	228	19119	0.381	ng	99
33) Chrysene	21.627	228	21645	0.388	ng	99
34) Bis(2-ethylhexyl)phtha...	21.483	149	8727	0.362	ng	100
36) Indeno(1,2,3-cd)pyrene	26.636	276	22511	0.406	ng	100
37) Benzo(b)fluoranthene	23.295	252	20030	0.385	ng	97
38) Benzo(k)fluoranthene	23.344	252	19781	0.382	ng	97
39) Benzo(a)pyrene	23.941	252	15201	0.383	ng	96
40) Dibenzo(a,h)anthracene	26.663	278	17942	0.406	ng	98
41) Benzo(g,h,i)perylene	27.438	276	18948	0.397	ng	98

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

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