Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030968.D
Acq On : 16 Apr 2024 13:00
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 14:14:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	4027	0.400	ng		-0.01
7) Naphthalene-d8	10.421	136	12115	0.400	ng		-0.01
13) Acenaphthene-d10	14.284	164	6903	0.400	ng		-0.01
19) Phenanthrene-d10	17.040	188	16773	0.400	ng		# 0.00
29) Chrysene-d12	21.240	240	15343	0.400	ng		0.00
35) Perylene-d12	23.457	264	14825	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.234	112	3503	0.390	ng		-0.01
5) Phenol-d6	6.815	99	4151	0.382	ng		0.00
8) Nitrobenzene-d5	8.787	82	3096	0.369	ng		-0.01
11) 2-Methylnaphthalene-d10	12.017	152	7106	0.381	ng		0.00
14) 2,4,6-Tribromophenol	15.787	330	927	0.346	ng		0.00
15) 2-Fluorobiphenyl	12.905	172	6875	0.296	ng		0.00
27) Fluoranthene-d10	19.075	212	17144	0.379	ng		0.00
31) Terphenyl-d14	19.679	244	13394	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	1785	0.361	ng		99
3) n-Nitrosodimethylamine	3.493	42	1738	0.375	ng	#	97
6) bis(2-Chloroethyl)ether	7.075	93	4305	0.401	ng		95
9) Naphthalene	10.464	128	12889	0.386	ng		100
10) Hexachlorobutadiene	10.752	225	2583	0.385	ng	#	99
12) 2-Methylnaphthalene	12.088	142	8436	0.380	ng		98
16) Acenaphthylene	14.006	152	10535	0.346	ng		99
17) Acenaphthene	14.348	154	8218	0.383	ng		100
18) Fluorene	15.342	166	10931	0.385	ng		100
20) 4,6-Dinitro-2-methylph...	15.417	198	699	0.377	ng	#	73
21) 4-Bromophenyl-phenylether	16.233	248	3578	0.359	ng	#	83
22) Hexachlorobenzene	16.333	284	4243	0.365	ng		100
23) Atrazine	16.544	200	2242m	0.311	ng		
24) Pentachlorophenol	16.693	266	1377	0.426	ng		94
25) Phenanthrene	17.078	178	18487	0.373	ng		99
26) Anthracene	17.164	178	14228	0.347	ng		99
28) Fluoranthene	19.107	202	22130	0.373	ng		100
30) Pyrene	19.470	202	22835	0.383	ng		100
32) Benzo(a)anthracene	21.222	228	20119	0.376	ng		99
33) Chrysene	21.276	228	22523	0.388	ng		99
34) Bis(2-ethylhexyl)phtha...	21.160	149	8550	0.349	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.688	276	23438	0.340	ng		100
37) Benzo(b)fluoranthene	22.788	252	23738	0.388	ng		99
38) Benzo(k)fluoranthene	22.834	252	22963	0.383	ng		100
39) Benzo(a)pyrene	23.358	252	18749	0.368	ng		100
40) Dibenzo(a,h)anthracene	25.705	278	18579	0.337	ng		99
41) Benzo(g,h,i)perylene	26.369	276	21269	0.350	ng		99

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

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