Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112922\
Data File : BN022961.D
Acq On : 29 Nov 2022 21:22
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 11/30/2022
Supervised By :mohammad ahmed 12/01/2022

Quant Time: Nov 30 00:47:21 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	6808	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	18134	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	9331	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	18448	0.400	ng		0.00
29) Chrysene-d12	21.629	240	10573	0.400	ng	#	0.00
35) Perylene-d12	24.113	264	7565	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	6523	0.369	ng		0.00
5) Phenol-d6	7.204	99	8344	0.370	ng		0.00
8) Nitrobenzene-d5	9.227	82	5648	0.401	ng		0.00
11) 2-Methylnaphthalene-d10	12.465	152	13610	0.346	ng		0.00
14) 2,4,6-Tribromophenol	16.185	330	1399	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	18580	0.435	ng		0.00
27) Fluoranthene-d10	19.473	212	17977	0.359	ng		0.00
31) Terphenyl-d14	20.062	244	10840	0.436	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	3534	0.409	ng		98
3) n-Nitrosodimethylamine	3.774	42	3337	0.358	ng		96
6) bis(2-Chloroethyl)ether	7.479	93	8882	0.420	ng		99
9) Naphthalene	10.936	128	22903	0.410	ng		99
10) Hexachlorobutadiene	11.224	225	4834	0.422	ng	#	100
12) 2-Methylnaphthalene	12.151	142	3758	0.330	ng	#	99
16) Acenaphthylene	14.420	152	17577m	0.356	ng		
17) Acenaphthene	14.762	154	13196	0.406	ng		98
18) Fluorene	15.739	166	16300	0.392	ng		100
20) 4,6-Dinitro-2-methylph...	15.813	198	600	0.291	ng	#	75
21) 4-Bromophenyl-phenylether	16.632	248	5304	0.398	ng		99
22) Hexachlorobenzene	16.744	284	7143	0.439	ng		98
23) Atrazine	16.893	200	3085	0.329	ng		97
24) Pentachlorophenol	17.092	266	1262	0.284	ng		99
25) Phenanthrene	17.489	178	26487	0.413	ng		100
26) Anthracene	17.576	178	20342	0.365	ng		100
28) Fluoranthene	19.502	202	24970	0.366	ng		99
30) Pyrene	19.865	202	24269	0.441	ng		100
32) Benzo(a)anthracene	21.611	228	16179	0.379	ng		100
33) Chrysene	21.665	228	19134	0.432	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	6704	0.391	ng		99
36) Indeno(1,2,3-cd)pyrene	26.718	276	14980	0.477	ng		98
37) Benzo(b)fluoranthene	23.350	252	14532	0.430	ng	#	94
38) Benzo(k)fluoranthene	23.399	252	15443	0.422	ng	#	96
39) Benzo(a)pyrene	24.002	252	10289	0.399	ng	#	89
40) Dibenzo(a,h)anthracene	26.738	278	12323	0.494	ng		95
41) Benzo(g,h,i)perylene	27.513	276	12331	0.459	ng		98

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

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