Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101922\
Data File : BN022179.D
Acq On : 18 Oct 2022 16:12
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 10/19/2022
Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 19 02:09:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 02:07:41 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.957	152	4152	0.400	ng		0.00
7) Naphthalene-d8	10.784	136	13868	0.400	ng		0.00
13) Acenaphthene-d10	14.621	164	7987	0.400	ng		0.00
19) Phenanthrene-d10	17.387	188	15684	0.400	ng		0.00
29) Chrysene-d12	21.582	240	9946	0.400	ng		0.00
35) Perylene-d12	24.052	264	7694	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.479	112	4831	0.502	ng		0.00
5) Phenol-d6	7.112	99	6383	0.511	ng		0.00
8) Nitrobenzene-d5	9.129	82	4866	0.436	ng		0.00
11) 2-Methylnaphthalene-d10	12.380	152	9414	0.369	ng		0.00
14) 2,4,6-Tribromophenol	16.121	330	1177	0.386	ng		0.00
15) 2-Fluorobiphenyl	13.253	172	13698	0.393	ng		0.00
27) Fluoranthene-d10	19.420	212	14990	0.360	ng		0.00
31) Terphenyl-d14	20.015	244	8920	0.446	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.298	88	2020	0.376	ng		99
3) n-Nitrosodimethylamine	3.638	42	2224	0.381	ng	#	93
6) bis(2-Chloroethyl)ether	7.379	93	5336	0.405	ng		98
9) Naphthalene	10.837	128	16681	0.398	ng		100
10) Hexachlorobutadiene	11.115	225	2711	0.374	ng	#	100
12) 2-Methylnaphthalene	12.085	142	3451	0.556	ng	#	91
16) Acenaphthylene	14.343	152	15370	0.404	ng		100
17) Acenaphthene	14.685	154	10472	0.392	ng		99
18) Fluorene	15.679	166	14177	0.440	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	284	0.284	ng	#	1
21) 4-Bromophenyl-phenylether	16.568	248	3807	0.398	ng		96
22) Hexachlorobenzene	16.680	284	4659	0.392	ng		100
23) Atrazine	16.841	200	2814	0.397	ng		98
24) Pentachlorophenol	17.040	266	1118	0.307	ng		97
25) Phenanthrene	17.424	178	20747	0.385	ng		100
26) Anthracene	17.511	178	17016	0.393	ng		100
28) Fluoranthene	19.449	202	20621	0.357	ng		100
30) Pyrene	19.812	202	20408	0.467	ng		100
32) Benzo(a)anthracene	21.564	228	14922	0.399	ng		100
33) Chrysene	21.618	228	15484	0.373	ng		99
34) Bis(2-ethylhexyl)phtha...	21.483	149	10457	0.583	ng		98
36) Indeno(1,2,3-cd)pyrene	26.636	276	14632	0.376	ng		100
37) Benzo(b)fluoranthene	23.292	252	13315	0.365	ng		97
38) Benzo(k)fluoranthene	23.341	252	13664m	0.376	ng		
39) Benzo(a)pyrene	23.938	252	10938	0.393	ng	#	93
40) Dibenzo(a,h)anthracene	26.660	278	11572	0.373	ng		99
41) Benzo(g,h,i)perylene	27.438	276	12238	0.366	ng		100

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

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