Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070722\
Data File : BN020685.D
Acq On : 07 Jul 2022 19:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/08/2022
Supervised By :Jagrut Upadhyay 07/08/2022

Quant Time: Jul 08 01:31:50 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	4816	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	14318	0.400	ng		0.00
13) Acenaphthene-d10	14.474	164	8203	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	16413	0.400	ng		0.00
29) Chrysene-d12	21.431	240	9892	0.400	ng	#	0.00
35) Perylene-d12	23.785	264	7356	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.413	112	3962	0.296	ng		0.00
5) Phenol-d6	7.017	99	4956	0.310	ng		-0.01
8) Nitrobenzene-d5	8.982	82	3935	0.339	ng		-0.01
11) 2-Methylnaphthalene-d10	12.223	152	8832	0.360	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	813	0.263	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	12796	0.378	ng		-0.01
27) Fluoranthene-d10	19.265	212	15221	0.312	ng		0.00
31) Terphenyl-d14	19.868	244	10322	0.437	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2167	0.343	ng		98
3) n-Nitrosodimethylamine	3.608	42	1778	0.309	ng	#	98
6) bis(2-Chloroethyl)ether	7.255	93	4671	0.340	ng		95
9) Naphthalene	10.669	128	15961	0.373	ng		99
10) Hexachlorobutadiene	10.968	225	2896	0.372	ng	#	99
12) 2-Methylnaphthalene	12.295	142	10356	0.364	ng		99
16) Acenaphthylene	14.185	152	13472	0.342	ng		99
17) Acenaphthene	14.538	154	9775	0.364	ng		95
18) Fluorene	15.521	166	12294	0.351	ng		100
20) 4,6-Dinitro-2-methylph...	15.639	198	500	0.381	ng	#	66
21) 4-Bromophenyl-phenylether	16.415	248	3627	0.380	ng		98
22) Hexachlorobenzene	16.538	284	4156	0.393	ng		97
23) Atrazine	16.692	200	2212	0.294	ng		98
24) Pentachlorophenol	16.897	266	685	0.386	ng		98
25) Phenanthrene	17.267	178	19639	0.355	ng		100
26) Anthracene	17.359	178	14990	0.314	ng		99
28) Fluoranthene	19.295	202	19389	0.321	ng		100
30) Pyrene	19.657	202	19280	0.460	ng		100
32) Benzo(a)anthracene	21.413	228	11054	0.313	ng		98
33) Chrysene	21.467	228	14933	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	7347	0.369	ng		98
36) Indeno(1,2,3-cd)pyrene	26.217	276	11340	0.346	ng		100
37) Benzo(b)fluoranthene	23.071	252	10657	0.376	ng		96
38) Benzo(k)fluoranthene	23.115	252	11842m	0.392	ng		
39) Benzo(a)pyrene	23.679	252	8686	0.353	ng	#	91
40) Dibenzo(a,h)anthracene	26.235	278	9084	0.346	ng		97
41) Benzo(g,h,i)perylene	26.957	276	10025	0.349	ng		97

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

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