Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071522\
Data File : BN020754.D
Acq On : 15 Jul 2022 19:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

Quant Time: Jul 16 03:23:56 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 16 03:21:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	2862	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	8609	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	6024	0.400	ng		0.00
19) Phenanthrene-d10	17.226	188	13571	0.400	ng		0.01
29) Chrysene-d12	21.422	240	11153	0.400	ng		0.00
35) Perylene-d12	23.776	264	10947	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	2343	0.295	ng		0.00
5) Phenol-d6	7.017	99	3206	0.338	ng		0.00
8) Nitrobenzene-d5	8.982	82	2393	0.343	ng		0.01
11) 2-Methylnaphthalene-d10	12.219	152	6099	0.413	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	756	0.333	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	9005	0.362	ng		0.00
27) Fluoranthene-d10	19.261	212	15177	0.376	ng		0.00
31) Terphenyl-d14	19.864	244	10915	0.409	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1281m	0.341	ng		
3) n-Nitrosodimethylamine	3.601	42	1131	0.331	ng	#	96
6) bis(2-Chloroethyl)ether	7.248	93	2975	0.364	ng		94
9) Naphthalene	10.669	128	9999	0.389	ng		99
10) Hexachlorobutadiene	10.957	225	1877	0.401	ng	#	98
12) 2-Methylnaphthalene	12.291	142	7309	0.428	ng		99
16) Acenaphthylene	14.185	152	10261	0.354	ng		99
17) Acenaphthene	14.527	154	7453	0.378	ng		95
18) Fluorene	15.522	166	9752	0.379	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	527	0.423	ng	#	68
21) 4-Bromophenyl-phenylether	16.415	248	2916	0.370	ng		94
22) Hexachlorobenzene	16.538	284	3292	0.377	ng		97
23) Atrazine	16.692	200	1908	0.307	ng		99
24) Pentachlorophenol	16.887	266	868	0.494	ng		95
25) Phenanthrene	17.267	178	16588	0.362	ng		100
26) Anthracene	17.359	178	13587	0.344	ng		100
28) Fluoranthene	19.291	202	19451	0.390	ng		99
30) Pyrene	19.653	202	19886	0.421	ng		100
32) Benzo(a)anthracene	21.413	228	14130	0.355	ng		98
33) Chrysene	21.467	228	16222	0.368	ng		100
34) Bis(2-ethylhexyl)phtha...	21.351	149	7626	0.340	ng		98
36) Indeno(1,2,3-cd)pyrene	26.205	276	17592	0.361	ng		99
37) Benzo(b)fluoranthene	23.063	252	16726	0.396	ng		97
38) Benzo(k)fluoranthene	23.109	252	17690	0.394	ng		97
39) Benzo(a)pyrene	23.676	252	14048	0.384	ng	#	90
40) Dibenzo(a,h)anthracene	26.229	278	13735	0.351	ng		97
41) Benzo(g,h,i)perylene	26.945	276	15121	0.354	ng		99

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

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