Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121021\
Data File : BN017870.D
Acq On : 10 Dec 2021 14:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 11 02:51:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/11/2021
Supervised By :Yogesh Patel 12/15/2021

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12/15/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	19760	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	79089	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	49840	0.400	ng		-0.01
19) Phenanthrene-d10	17.093	188	99204	0.400	ng		0.00
29) Chrysene-d12	21.293	240	81076	0.400	ng	#	0.01
35) Perylene-d12	23.586	264	56758	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	16452	0.345	ng		0.00
5) Phenol-d6	6.894	99	16019	0.355	ng		0.00
8) Nitrobenzene-d5	8.859	82	18312	0.348	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	57412	0.364	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	4474	0.172	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	71988	0.394	ng		0.00
27) Fluoranthene-d10	19.129	212	131892	0.398	ng		0.00
31) Terphenyl-d14	19.740	244	82227	0.472	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2882m	0.396	ng		
3) n-Nitrosodimethylamine	3.602	42	7540	0.370	ng		97
6) bis(2-Chloroethyl)ether	7.143	93	20703	0.405	ng		99
9) Naphthalene	10.545	128	81479	0.393	ng		99
10) Hexachlorobutadiene	10.836	225	23219	0.386	ng	#	99
12) 2-Methylnaphthalene	12.161	142	54892	0.368	ng		100
16) Acenaphthylene	14.056	152	72404	0.370	ng		100
17) Acenaphthene	14.398	154	53835	0.413	ng		100
18) Fluorene	15.388	166	64297	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.540	198	104m	0.181	ng		
21) 4-Bromophenyl-phenylether	16.289	248	22035	0.367	ng	#	95
22) Hexachlorobenzene	16.399	284	31023	0.435	ng		99
23) Atrazine	16.569	200	13783	0.318	ng		95
24) Pentachlorophenol	16.776	266	1120	0.322	ng		97
25) Phenanthrene	17.129	178	103932	0.399	ng		100
26) Anthracene	17.226	178	83328	0.364	ng		100
28) Fluoranthene	19.159	202	133070	0.420	ng		100
30) Pyrene	19.522	202	132659	0.516	ng		100
32) Benzo(a)anthracene	21.272	228	85653	0.343	ng		99
33) Chrysene	21.325	228	107148	0.411	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	32483	0.287	ng		100
36) Indeno(1,2,3-cd)pyrene	25.958	276	37992m	0.242	ng		
37) Benzo(b)fluoranthene	22.894	252	73837	0.383	ng		99
38) Benzo(k)fluoranthene	22.935	252	69868	0.384	ng		100
39) Benzo(a)pyrene	23.490	252	64131	0.370	ng	#	97
40) Dibenzo(a,h)anthracene	25.985	278	25684m	0.211	ng		
41) Benzo(g,h,i)perylene	26.666	276	35185	0.269	ng		99

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

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