Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120921\
Data File : BN017850.D
Acq On : 10 Dec 2021 00:30
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 10 06:50:40 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 :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :Yogesh Patel 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.715	152	21245	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	85377	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	54347	0.400	ng	-0.01
19) Phenanthrene-d10	17.092	188	109765	0.400	ng	0.00
29) Chrysene-d12	21.293	240	93609	0.400	ng	# 0.01
35) Perylene-d12	23.586	264	69026	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.327	112	17815	0.347	ng	0.00
5) Phenol-d6	6.894	99	17335	0.357	ng	0.00
8) Nitrobenzene-d5	8.859	82	19825	0.349	ng	0.00
11) 2-Methylnaphthalene-d10	12.090	152	62381	0.366	ng	0.00
14) 2,4,6-Tribromophenol	15.844	330	5156	0.181	ng	0.00
15) 2-Fluorobiphenyl	12.964	172	78544	0.395	ng	0.00
27) Fluoranthene-d10	19.129	212	145743	0.397	ng	0.00
31) Terphenyl-d14	19.740	244	92602	0.461	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.270	88	2722	0.348	ng	# 100
3) n-Nitrosodimethylamine	3.602	42	7918	0.361	ng	97
6) bis(2-Chloroethyl)ether	7.143	93	21771	0.396	ng	99
9) Naphthalene	10.545	128	87450	0.391	ng	100
10) Hexachlorobutadiene	10.836	225	25190	0.388	ng	# 99
12) 2-Methylnaphthalene	12.161	142	59362	0.369	ng	100
16) Acenaphthylene	14.055	152	78831	0.369	ng	100
17) Acenaphthene	14.398	154	57869	0.407	ng	99
18) Fluorene	15.388	166	70153	0.386	ng	100
21) 4-Bromophenyl-phenylether	16.289	248	24366	0.367	ng	97
22) Hexachlorobenzene	16.399	284	33508	0.424	ng	99
23) Atrazine	16.569	200	15542	0.324	ng	94
24) Pentachlorophenol	16.776	266	957	0.312	ng	99
25) Phenanthrene	17.129	178	114096	0.396	ng	100
26) Anthracene	17.226	178	92609	0.365	ng	100
28) Fluoranthene	19.159	202	146494	0.417	ng	100
30) Pyrene	19.521	202	145927	0.492	ng	100
32) Benzo(a)anthracene	21.272	228	105028	0.364	ng	100
33) Chrysene	21.325	228	120558	0.401	ng	100
34) Bis(2-ethylhexyl)phtha...	21.208	149	37682	0.289	ng	100
36) Indeno(1,2,3-cd)pyrene	25.951	276	46260	0.242	ng	100
37) Benzo(b)fluoranthene	22.891	252	89237	0.380	ng	99
38) Benzo(k)fluoranthene	22.935	252	115640m	0.522	ng	
39) Benzo(a)pyrene	23.486	252	79087	0.375	ng	# 97
40) Dibenzo(a,h)anthracene	25.978	278	33901m	0.229	ng	
41) Benzo(g,h,i)perylene	26.666	276	44390	0.279	ng	99

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

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