Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN123021\
Data File : BN018290.D
Acq On : 30 Dec 2021 11:19
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 31 08:21:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 29 16:08:47 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/03/2022
Supervised By :mohammad ahmed 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.633	152	31711	0.400	ng	0.00
7) Naphthalene-d8	10.407	136	123254	0.400	ng	#-0.01
13) Acenaphthene-d10	14.269	164	71827	0.400	ng	0.00
19) Phenanthrene-d10	17.005	188	141213	0.400	ng	# 0.00
29) Chrysene-d12	21.196	240	86927	0.400	ng	0.00
35) Perylene-d12	23.426	264	76877	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	25362	0.399	ng	0.00
5) Phenol-d6	6.822	99	21524	0.350	ng	0.00
8) Nitrobenzene-d5	8.784	82	28571	0.449	ng	0.00
11) 2-Methylnaphthalene-d10	12.007	152	84582	0.408	ng	0.00
14) 2,4,6-Tribromophenol	15.766	330	8054	0.514	ng	0.00
15) 2-Fluorobiphenyl	12.886	172	109179	0.402	ng	-0.01
27) Fluoranthene-d10	19.038	212	188838	0.420	ng	0.00
31) Terphenyl-d14	19.649	244	98309	0.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.170	88	6350m	0.351	ng	
3) n-Nitrosodimethylamine	3.502	42	10945	0.420	ng	# 95
6) bis(2-Chloroethyl)ether	7.071	93	29402	0.390	ng	98
9) Naphthalene	10.457	128	121283	0.398	ng	100
10) Hexachlorobutadiene	10.762	225	36032	0.425	ng	# 100
12) 2-Methylnaphthalene	12.083	142	80178	0.410	ng	99
16) Acenaphthylene	13.977	152	107106	0.424	ng	100
17) Acenaphthene	14.320	154	74263	0.400	ng	99
18) Fluorene	15.309	166	89228	0.408	ng	100
20) 4,6-Dinitro-2-methylph...	15.423	198	544	0.387	ng	# 71
21) 4-Bromophenyl-phenylether	16.202	248	34070	0.397	ng	97
22) Hexachlorobenzene	16.324	284	46024	0.421	ng	99
23) Atrazine	16.482	200	18450	0.394	ng	97
24) Pentachlorophenol	16.677	266	5446	0.561	ng	99
25) Phenanthrene	17.042	178	144093	0.387	ng	100
26) Anthracene	17.139	178	114602	0.376	ng	100
28) Fluoranthene	19.068	202	181997	0.417	ng	100
30) Pyrene	19.430	202	183770	0.539	ng	100
32) Benzo(a)anthracene	21.185	228	87473	0.368	ng	100
33) Chrysene	21.238	228	113196	0.404	ng	98
34) Bis(2-ethylhexyl)phtha...	21.132	149	76013	0.701	ng	100
36) Indeno(1,2,3-cd)pyrene	25.696	276	80878	0.441	ng	99
37) Benzo(b)fluoranthene	22.759	252	94219	0.386	ng	98
38) Benzo(k)fluoranthene	22.803	252	83311	0.360	ng	98
39) Benzo(a)pyrene	23.330	252	84701	0.399	ng	96
40) Dibenzo(a,h)anthracene	25.720	278	61442m	0.469	ng	
41) Benzo(g,h,i)perylene	26.387	276	80960	0.442	ng	99

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

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