Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081622\
Data File : BN021249.D
Acq On : 16 Aug 2022 09:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/17/2022
Supervised By :Jagrut Upadhyay 08/17/2022

Quant Time: Aug 16 11:55:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.776	152	3539	0.400	ng	0.00
7) Naphthalene-d8	10.570	136	12363	0.400	ng	-0.01
13) Acenaphthene-d10	14.429	164	6787	0.400	ng	0.00
19) Phenanthrene-d10	17.182	188	12498	0.400	ng	0.00
29) Chrysene-d12	21.395	240	8722	0.400	ng	# 0.00
35) Perylene-d12	23.720	264	6289	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	3460	0.392	ng	0.00
5) Phenol-d6	6.974	99	4104	0.398	ng	0.00
8) Nitrobenzene-d5	8.948	82	2975	0.394	ng	-0.01
11) 2-Methylnaphthalene-d10	12.179	152	7646	0.355	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	628	0.283	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	10682	0.396	ng	0.00
27) Fluoranthene-d10	19.223	212	13723	0.404	ng	0.00
31) Terphenyl-d14	19.830	244	9126	0.384	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1641	0.332	ng	92
3) n-Nitrosodimethylamine	3.587	42	1238	0.391	ng	# 91
6) bis(2-Chloroethyl)ether	7.213	93	3174	0.365	ng	92
9) Naphthalene	10.624	128	13866	0.371	ng	99
10) Hexachlorobutadiene	10.912	225	2412	0.360	ng	# 100
12) 2-Methylnaphthalene	12.251	142	8977	0.352	ng	99
16) Acenaphthylene	14.151	152	11422	0.350	ng	100
17) Acenaphthene	14.493	154	7916	0.353	ng	99
18) Fluorene	15.487	166	10614	0.372	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	251	0.378	ng	98
21) 4-Bromophenyl-phenylether	16.382	248	2538	0.331	ng	88
22) Hexachlorobenzene	16.495	284	3202	0.370	ng	98
23) Atrazine	16.659	200	1646	0.333	ng	98
24) Pentachlorophenol	16.854	266	767	0.394	ng	96
25) Phenanthrene	17.223	178	14983	0.360	ng	100
26) Anthracene	17.315	178	12009	0.346	ng	100
28) Fluoranthene	19.252	202	17230	0.396	ng	99
30) Pyrene	19.619	202	17270	0.384	ng	100
32) Benzo(a)anthracene	21.377	228	9462	0.333	ng	99
33) Chrysene	21.431	228	13445	0.381	ng	100
34) Bis(2-ethylhexyl)phtha...	21.305	149	6212	0.320	ng	100
36) Indeno(1,2,3-cd)pyrene	26.132	276	9299m	0.334	ng	
37) Benzo(b)fluoranthene	23.015	252	9607	0.366	ng	97
38) Benzo(k)fluoranthene	23.062	252	9572	0.362	ng	99
39) Benzo(a)pyrene	23.623	252	7574	0.346	ng	96
40) Dibenzo(a,h)anthracene	26.137	278	7179m	0.334	ng	
41) Benzo(g,h,i)perylene	26.863	276	9425	0.377	ng	98

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

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