Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051024\
Data File : BN031487.D
Acq On : 11 May 2024 07:36
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/13/2024
Supervised By :mohammad ahmed 05/13/2024

Quant Time: May 13 01:24:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	11820	0.400	ng	0.00
7) Naphthalene-d8	10.485	136	37195	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	21333	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	47735	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	38163	0.400	ng	0.00
35) Perylene-d12	23.502	264	34212	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.299	112	9914	0.295	ng	0.00
5) Phenol-d6	6.866	99	13527	0.299	ng	0.00
8) Nitrobenzene-d5	8.852	82	10608	0.397	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	20444	0.341	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	2143	0.265	ng	-0.01
15) 2-Fluorobiphenyl	12.970	172	31435	0.382	ng	-0.01
27) Fluoranthene-d10	19.114	212	42264	0.319	ng	0.00
31) Terphenyl-d14	19.723	244	30567	0.327	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.248	88	5190	0.357	ng	# 86
3) n-Nitrosodimethylamine	3.551	42	5464	0.381	ng	# 87
6) bis(2-Chloroethyl)ether	7.141	93	14069	0.357	ng	96
9) Naphthalene	10.539	128	37678	0.364	ng	96
10) Hexachlorobutadiene	10.827	225	6633	0.366	ng	# 99
12) 2-Methylnaphthalene	12.157	142	24671	0.350	ng	99
16) Acenaphthylene	14.060	152	35583	0.332	ng	100
17) Acenaphthene	14.402	154	23999m	0.359	ng	
18) Fluorene	15.386	166	30515	0.349	ng	99
20) 4,6-Dinitro-2-methylph...	15.461	198	1472	0.377	ng	# 44
21) 4-Bromophenyl-phenylether	16.284	248	9882	0.353	ng	99
22) Hexachlorobenzene	16.383	284	11270	0.400	ng	98
23) Atrazine	16.557	200	6293	0.248	ng	97
24) Pentachlorophenol	16.731	266	2749	0.276	ng	98
25) Phenanthrene	17.128	178	49137	0.368	ng	100
26) Anthracene	17.215	178	42674	0.323	ng	100
28) Fluoranthene	19.142	202	56043	0.345	ng	100
30) Pyrene	19.504	202	55959	0.362	ng	100
32) Benzo(a)anthracene	21.247	228	45512	0.309	ng	100
33) Chrysene	21.301	228	50773	0.362	ng	99
34) Bis(2-ethylhexyl)phtha...	21.202	149	15108	0.175	ng	96
36) Indeno(1,2,3-cd)pyrene	25.773	276	37642	0.276	ng	99
37) Benzo(b)fluoranthene	22.832	252	43478m	0.354	ng	
38) Benzo(k)fluoranthene	22.876	252	46400	0.399	ng	99
39) Benzo(a)pyrene	23.405	252	35405	0.332	ng	98
40) Dibenzo(a,h)anthracene	25.797	278	30416	0.281	ng	98
41) Benzo(g,h,i)perylene	26.457	276	30992	0.267	ng	98

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

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