Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051424\
Data File : BN031516.D
Acq On : 14 May 2024 09:20
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 14 10:49:17 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

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
05/15/2024
Supervised By :mohammad ahmed
05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	13470	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	41249	0.400	ng	#-0.01
13) Acenaphthene-d10	14.328	164	20671	0.400	ng	#-0.02
19) Phenanthrene-d10	17.078	188	44648	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	37019	0.400	ng	# 0.00
35) Perylene-d12	23.496	264	38523	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	10066	0.263	ng	0.00
5) Phenol-d6	6.859	99	14089	0.273	ng	-0.01
8) Nitrobenzene-d5	8.841	82	10889	0.368	ng	-0.02
11) 2-Methylnaphthalene-d10	12.073	152	22538	0.339	ng	-0.02
14) 2,4,6-Tribromophenol	15.825	330	1817	0.232	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	31594	0.396	ng	-0.02
27) Fluoranthene-d10	19.105	212	41506	0.335	ng	-0.01
31) Terphenyl-d14	19.714	244	27917	0.308	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.241	88	6313	0.381	ng	# 84
3) n-Nitrosodimethylamine	3.544	42	7131	0.436	ng	# 76
6) bis(2-Chloroethyl)ether	7.133	93	16216	0.361	ng	93
9) Naphthalene	10.528	128	41377	0.361	ng	96
10) Hexachlorobutadiene	10.816	225	7223	0.359	ng	# 99
12) 2-Methylnaphthalene	12.149	142	25549	0.327	ng	99
16) Acenaphthylene	14.050	152	32805	0.315	ng	100
17) Acenaphthene	14.392	154	23530	0.363	ng	95
18) Fluorene	15.386	166	29647	0.349	ng	99
20) 4,6-Dinitro-2-methylph...	15.450	198	1621	0.444	ng	# 60
21) 4-Bromophenyl-phenylether	16.284	248	8822	0.337	ng	# 86
22) Hexachlorobenzene	16.383	284	10353	0.393	ng	93
23) Atrazine	16.545	200	5157	0.217	ng	# 92
24) Pentachlorophenol	16.718	266	2587	0.278	ng	99
25) Phenanthrene	17.116	178	47494	0.380	ng	100
26) Anthracene	17.202	178	38633	0.312	ng	99
28) Fluoranthene	19.137	202	52199	0.344	ng	99
30) Pyrene	19.500	202	51783	0.345	ng	100
32) Benzo(a)anthracene	21.247	228	43662	0.306	ng	99
33) Chrysene	21.301	228	49460	0.364	ng	99
34) Bis(2-ethylhexyl)phtha...	21.193	149	14933	0.179	ng	96
36) Indeno(1,2,3-cd)pyrene	25.759	276	52499	0.342	ng	95
37) Benzo(b)fluoranthene	22.823	252	43020	0.311	ng	98
38) Benzo(k)fluoranthene	22.870	252	55850m	0.427	ng	
39) Benzo(a)pyrene	23.399	252	37121	0.309	ng	# 96
40) Dibenzo(a,h)anthracene	25.779	278	41559	0.342	ng	97
41) Benzo(g,h,i)perylene	26.446	276	39809	0.304	ng	97

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

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