Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025492.D
Acq On : 19 May 2023 18:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 20 00:31:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.077	152	5132	0.400	ng		0.00
7) Naphthalene-d8	10.899	136	14492	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	8841	0.400	ng		0.00
19) Phenanthrene-d10	17.447	188	19454	0.400	ng		0.00
29) Chrysene-d12	21.634	240	14324	0.400	ng		0.00
35) Perylene-d12	24.138	264	13426	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	5362	0.463	ng		0.00
5) Phenol-d6	7.218	99	6768	0.455	ng		0.00
8) Nitrobenzene-d5	9.234	82	4965	0.429	ng		0.00
11) 2-Methylnaphthalene-d10	12.476	152	8577	0.426	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	1612	0.468	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	15110	0.447	ng		0.00
27) Fluoranthene-d10	19.469	212	18111	0.403	ng		0.00
31) Terphenyl-d14	20.058	244	11930	0.469	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2306	0.440	ng		99
3) n-Nitrosodimethylamine	3.787	42	2269	0.393	ng	#	95
6) bis(2-Chloroethyl)ether	7.492	93	6288	0.435	ng		99
9) Naphthalene	10.942	128	15818	0.429	ng		99
10) Hexachlorobutadiene	11.241	225	2938	0.420	ng	#	99
12) 2-Methylnaphthalene	12.547	142	11389	0.427	ng		98
16) Acenaphthylene	14.427	152	16917	0.419	ng		100
17) Acenaphthene	14.769	154	11418	0.429	ng		98
18) Fluorene	15.747	166	14744	0.448	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	1748	0.432	ng		98
21) 4-Bromophenyl-phenylether	16.641	248	4971	0.434	ng		95
22) Hexachlorobenzene	16.752	284	4592	0.429	ng		98
23) Atrazine	16.901	200	3773	0.405	ng		99
24) Pentachlorophenol	17.087	266	2021	0.375	ng		99
25) Phenanthrene	17.485	178	24549	0.431	ng		99
26) Anthracene	17.572	178	22324	0.419	ng		99
28) Fluoranthene	19.498	202	26938	0.416	ng		100
30) Pyrene	19.861	202	28931	0.506	ng		98
32) Benzo(a)anthracene	21.616	228	22503	0.434	ng		100
33) Chrysene	21.670	228	23665	0.460	ng		99
34) Bis(2-ethylhexyl)phtha...	21.535	149	12513	0.410	ng		99
36) Indeno(1,2,3-cd)pyrene	26.766	276	21359	0.393	ng		98
37) Benzo(b)fluoranthene	23.369	252	21972m	0.441	ng		
38) Benzo(k)fluoranthene	23.416	252	22522	0.442	ng		98
39) Benzo(a)pyrene	24.024	252	19277	0.411	ng		95
40) Dibenzo(a,h)anthracene	26.784	278	17423	0.400	ng	#	94
41) Benzo(g,h,i)perylene	27.573	276	17409	0.379	ng		98

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

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