Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
Data File : BN025439.D
Acq On : 16 May 2023 12:14
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: May 17 02:43:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 02:38:04 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/17/2023
Supervised By :Jagrut Upadhyay 05/17/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.092	152	5364	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	15276	0.400	ng		0.00
13) Acenaphthene-d10	14.715	164	9963	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	21543	0.400	ng		0.00
29) Chrysene-d12	21.643	240	20031	0.400	ng		0.00
35) Perylene-d12	24.170	264	18654	0.400	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.622	112	20802	1.806	ng		0.00
5) Phenol-d6	7.232	99	27613	1.786	ng		0.00
8) Nitrobenzene-d5	9.255	82	18793	1.800	ng		0.00
11) 2-Methylnaphthalene-d10	12.491	152	38260	1.792	ng		0.00
14) 2,4,6-Tribromophenol	16.206	330	6337	1.877	ng		0.00
15) 2-Fluorobiphenyl	13.358	172	64883	1.780	ng		0.00
27) Fluoranthene-d10	19.486	212	92817	1.812	ng		0.00
31) Terphenyl-d14	20.076	244	65500	1.799	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	9102	1.813	ng		97
3) n-Nitrosodimethylamine	3.787	42	11011	1.916	ng	#	96
6) bis(2-Chloroethyl)ether	7.507	93	26642	1.910	ng		91
9) Naphthalene	10.963	128	68031	1.785	ng		98
10) Hexachlorobutadiene	11.252	225	13235	1.772	ng	#	100
12) 2-Methylnaphthalene	12.563	142	50480	1.800	ng		99
16) Acenaphthylene	14.437	152	82517	1.796	ng		100
17) Acenaphthene	14.780	154	51479	1.803	ng		97
18) Fluorene	15.759	166	66516	1.773	ng		97
20) 4,6-Dinitro-2-methylph...	15.834	198	5784	1.730	ng	#	43
21) 4-Bromophenyl-phenylether	16.653	248	22691	1.816	ng		99
22) Hexachlorobenzene	16.765	284	21036	1.815	ng		99
23) Atrazine	16.914	200	19150	1.824	ng		97
24) Pentachlorophenol	17.112	266	8452	1.690	ng		99
25) Phenanthrene	17.497	178	111330	1.837	ng		100
26) Anthracene	17.596	178	108637	1.852	ng		100
28) Fluoranthene	19.515	202	131939	1.839	ng		100
30) Pyrene	19.878	202	140406	1.836	ng		98
32) Benzo(a)anthracene	21.625	228	124377	1.768	ng		99
33) Chrysene	21.679	228	125062	1.790	ng		98
34) Bis(2-ethylhexyl)phtha...	21.553	149	71688	1.741	ng		100
36) Indeno(1,2,3-cd)pyrene	26.822	276	138604m	1.839	ng		
37) Benzo(b)fluoranthene	23.395	252	120640	1.845	ng		97
38) Benzo(k)fluoranthene	23.442	252	124370	1.852	ng		96
39) Benzo(a)pyrene	24.050	252	114976	1.846	ng		96
40) Dibenzo(a,h)anthracene	26.842	278	111341m	1.839	ng		
41) Benzo(g,h,i)perylene	27.632	276	115618	1.810	ng		99

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

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