Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052523\
Data File : BN025593.D
Acq On : 25 May 2023 19:23
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/26/2023
Supervised By :Jagrut Upadhyay 05/26/2023

Quant Time: May 26 00:26:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 00:23:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.048	152	5100	0.400	ng		0.00
7) Naphthalene-d8	10.867	136	13762	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	7366	0.400	ng		0.00
19) Phenanthrene-d10	17.422	188	14479	0.400	ng		0.00
29) Chrysene-d12	21.602	240	9137	0.400	ng		0.00
35) Perylene-d12	24.101	264	9000	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.585	112	11262	0.844	ng		0.00
5) Phenol-d6	7.196	99	12530	0.859	ng		0.00
8) Nitrobenzene-d5	9.212	82	8712	0.842	ng		0.00
11) 2-Methylnaphthalene-d10	12.449	152	15648	0.830	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	486	0.690	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	25683	0.835	ng		0.00
27) Fluoranthene-d10	19.443	212	25698	0.814	ng		0.00
31) Terphenyl-d14	20.035	244	15153	0.829	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.433	88	5162	0.842	ng		99
3) n-Nitrosodimethylamine	3.765	42	5161	0.857	ng	#	95
6) bis(2-Chloroethyl)ether	7.463	93	12515	0.840	ng		89
9) Naphthalene	10.920	128	30781	0.819	ng		100
10) Hexachlorobutadiene	11.209	225	5485	0.817	ng	#	99
12) 2-Methylnaphthalene	12.521	142	20594	0.827	ng		100
16) Acenaphthylene	14.405	152	27744	0.803	ng		100
17) Acenaphthene	14.737	154	18589	0.817	ng		99
18) Fluorene	15.722	166	22984	0.826	ng		97
20) 4,6-Dinitro-2-methylph...	15.821	198	683	0.698	ng	#	57
21) 4-Bromophenyl-phenylether	16.616	248	6985	0.847	ng		97
22) Hexachlorobenzene	16.727	284	6463	0.816	ng		99
23) Atrazine	16.876	200	4893	0.834	ng		97
24) Pentachlorophenol	17.211	266	37	0.545	ng	#	51
25) Phenanthrene	17.460	178	36183	0.814	ng		100
26) Anthracene	17.559	178	32312	0.824	ng		100
28) Fluoranthene	19.473	202	37185	0.808	ng		100
30) Pyrene	19.835	202	37605	0.832	ng		100
32) Benzo(a)anthracene	21.584	228	28090	0.825	ng		98
33) Chrysene	21.638	228	30751	0.835	ng		99
34) Bis(2-ethylhexyl)phtha...	21.495	149	17692	0.797	ng		100
36) Indeno(1,2,3-cd)pyrene	26.700	276	32193	0.838	ng		99
37) Benzo(b)fluoranthene	23.329	252	27914	0.818	ng		93
38) Benzo(k)fluoranthene	23.382	252	29774m	0.855	ng		
39) Benzo(a)pyrene	23.987	252	26665	0.815	ng		91
40) Dibenzo(a,h)anthracene	26.721	278	25249	0.837	ng		93
41) Benzo(g,h,i)perylene	27.507	276	28542	0.838	ng		97

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

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