Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011223\
Data File : BN023618.D
Acq On : 11 Jan 2023 18:58
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/12/2023
Supervised By :Jagrut Upadhyay 01/12/2023

Quant Time: Jan 11 23:59:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 11 23:54:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	3666	0.400	ng		0.00
7) Naphthalene-d8	10.765	136	10887	0.400	ng		0.00
13) Acenaphthene-d10	14.591	164	5974	0.400	ng		0.00
19) Phenanthrene-d10	17.340	188	13473	0.400	ng		0.00
29) Chrysene-d12	21.536	240	10996	0.400	ng		0.00
35) Perylene-d12	23.960	264	9015	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.493	112	3400	0.419	ng		0.00
5) Phenol-d6	7.111	99	4272	0.429	ng		0.00
8) Nitrobenzene-d5	9.110	82	3640	0.427	ng		0.00
11) 2-Methylnaphthalene-d10	12.352	152	6759	0.426	ng		0.00
14) 2,4,6-Tribromophenol	16.086	330	1080	0.369	ng		0.00
15) 2-Fluorobiphenyl	13.223	172	11357	0.480	ng		0.00
27) Fluoranthene-d10	19.376	212	14112	0.428	ng		0.00
31) Terphenyl-d14	19.975	244	12718	0.496	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.333	88	1541	0.436	ng		100
3) n-Nitrosodimethylamine	3.673	42	1708	0.401	ng		100
6) bis(2-Chloroethyl)ether	7.371	93	4748	0.491	ng		100
9) Naphthalene	10.808	128	13138	0.472	ng		100
10) Hexachlorobutadiene	11.096	225	2717	0.485	ng	#	100
12) 2-Methylnaphthalene	12.424	142	9290	0.464	ng		100
16) Acenaphthylene	14.313	152	10404	0.419	ng		100
17) Acenaphthene	14.656	154	7893	0.472	ng		100
18) Fluorene	15.639	166	10751	0.462	ng		100
20) 4,6-Dinitro-2-methylph...	15.726	198	632	0.302	ng		100
21) 4-Bromophenyl-phenylether	16.533	248	3328	0.421	ng		100
22) Hexachlorobenzene	16.645	284	4288	0.450	ng		100
23) Atrazine	16.806	200	2199	0.360	ng		100
24) Pentachlorophenol	16.992	266	1173	0.332	ng		100
25) Phenanthrene	17.390	178	17203	0.448	ng		100
26) Anthracene	17.477	178	13247	0.416	ng		100
28) Fluoranthene	19.406	202	18915	0.439	ng		100
30) Pyrene	19.768	202	19047	0.464	ng		100
32) Benzo(a)anthracene	21.518	228	15782	0.431	ng		100
33) Chrysene	21.571	228	18266	0.485	ng		100
34) Bis(2-ethylhexyl)phtha...	21.437	149	7146	0.317	ng		100
36) Indeno(1,2,3-cd)pyrene	26.483	276	17176	0.510	ng		100
37) Benzo(b)fluoranthene	23.217	252	16689	0.482	ng		100
38) Benzo(k)fluoranthene	23.267	252	16333m	0.480	ng		
39) Benzo(a)pyrene	23.849	252	12610	0.477	ng		100
40) Dibenzo(a,h)anthracene	26.503	278	13646	0.532	ng		100
41) Benzo(g,h,i)perylene	27.261	276	13904	0.469	ng		100

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

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