Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025606.D
Acq On : 26 May 2023 13:30
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 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 27 03:43:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:40:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.027	152	5111	0.400	ng		0.00
7) Naphthalene-d8	10.846	136	14410	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	7985	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	16116	0.400	ng		0.00
29) Chrysene-d12	21.578	240	9735	0.400	ng		0.00
35) Perylene-d12	24.075	264	8348	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.564	112	5350	0.409	ng		0.00
5) Phenol-d6	7.174	99	6221	0.396	ng		0.00
8) Nitrobenzene-d5	9.191	82	4647	0.385	ng		0.00
11) 2-Methylnaphthalene-d10	12.426	152	8081	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	495	0.307	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	13314	0.404	ng		0.00
27) Fluoranthene-d10	19.425	212	14233	0.390	ng		0.00
31) Terphenyl-d14	20.015	244	8927	0.419	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2521	0.426	ng		100
3) n-Nitrosodimethylamine	3.737	42	2463	0.386	ng	#	91
6) bis(2-Chloroethyl)ether	7.442	93	6588	0.406	ng		100
9) Naphthalene	10.889	128	15902	0.403	ng		100
10) Hexachlorobutadiene	11.177	225	2839	0.415	ng	#	100
12) 2-Methylnaphthalene	12.498	142	10610	0.391	ng		100
16) Acenaphthylene	14.384	152	14897	0.395	ng		100
17) Acenaphthene	14.715	154	10065	0.405	ng		100
18) Fluorene	15.693	166	13129	0.400	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	592	0.383	ng		100
21) 4-Bromophenyl-phenylether	16.586	248	3722	0.407	ng		100
22) Hexachlorobenzene	16.710	284	3461	0.414	ng		100
23) Atrazine	16.847	200	2866	0.393	ng		100
24) Pentachlorophenol	17.157	266	48	0.402	ng	#	100
25) Phenanthrene	17.443	178	19839	0.404	ng		100
26) Anthracene	17.530	178	17470	0.394	ng		100
28) Fluoranthene	19.453	202	20558	0.384	ng		100
30) Pyrene	19.816	202	20922	0.442	ng		100
32) Benzo(a)anthracene	21.560	228	14624	0.403	ng		100
33) Chrysene	21.623	228	15857	0.403	ng		100
34) Bis(2-ethylhexyl)phtha...	21.480	149	8394	0.380	ng		100
36) Indeno(1,2,3-cd)pyrene	26.680	276	13267	0.414	ng		100
37) Benzo(b)fluoranthene	23.312	252	12523	0.394	ng		100
38) Benzo(k)fluoranthene	23.361	252	13775m	0.415	ng		
39) Benzo(a)pyrene	23.964	252	12524	0.412	ng		100
40) Dibenzo(a,h)anthracene	26.712	278	10321	0.406	ng		100
41) Benzo(g,h,i)perylene	27.472	276	12338	0.426	ng		100

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

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