Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050623\
Data File : BN025287.D
Acq On : 05 May 2023 20:13
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 05/08/2023
Supervised By :Jagrut Upadhyay 05/08/2023

Quant Time: May 08 02:31:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 02:26:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.911	152	4511	0.400	ng		0.00
7) Naphthalene-d8	10.728	136	13724	0.400	ng		0.00
13) Acenaphthene-d10	14.555	164	8683	0.400	ng		0.00
19) Phenanthrene-d10	17.311	188	20415	0.400	ng		0.00
29) Chrysene-d12	21.509	240	20897	0.400	ng		0.00
35) Perylene-d12	23.933	264	25284	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.470	112	5190	0.473	ng		0.00
5) Phenol-d6	7.088	99	6323	0.459	ng		0.00
8) Nitrobenzene-d5	9.095	82	5023	0.446	ng		0.00
11) 2-Methylnaphthalene-d10	12.317	152	8718	0.465	ng		0.00
14) 2,4,6-Tribromophenol	16.070	330	1921	0.433	ng		0.00
15) 2-Fluorobiphenyl	13.187	172	14097	0.473	ng		0.00
27) Fluoranthene-d10	19.338	212	22832	0.452	ng		0.00
31) Terphenyl-d14	19.937	244	19706	0.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	2249	0.475	ng		100
3) n-Nitrosodimethylamine	3.664	42	3437	0.475	ng		100
6) bis(2-Chloroethyl)ether	7.340	93	5454	0.449	ng		100
9) Naphthalene	10.771	128	16243	0.461	ng		100
10) Hexachlorobutadiene	11.049	225	3162	0.475	ng	#	100
12) 2-Methylnaphthalene	12.389	142	11470	0.461	ng		100
16) Acenaphthylene	14.277	152	17771	0.457	ng		100
17) Acenaphthene	14.619	154	11508	0.476	ng		100
18) Fluorene	15.603	166	15529	0.469	ng		100
20) 4,6-Dinitro-2-methylph...	15.747	198	792	0.458	ng		100
21) 4-Bromophenyl-phenylether	16.492	248	5044	0.444	ng		100
22) Hexachlorobenzene	16.616	284	5521	0.449	ng		100
23) Atrazine	16.765	200	4368	0.438	ng		100
24) Pentachlorophenol	17.075	266	980m	0.463	ng		
25) Phenanthrene	17.348	178	25676	0.455	ng		100
26) Anthracene	17.447	178	23271	0.440	ng		100
28) Fluoranthene	19.372	202	31807	0.451	ng		100
30) Pyrene	19.734	202	33355	0.467	ng		100
32) Benzo(a)anthracene	21.491	228	32256	0.457	ng		100
33) Chrysene	21.544	228	33751	0.480	ng		100
34) Bis(2-ethylhexyl)phtha...	21.401	149	26026	0.470	ng		100
36) Indeno(1,2,3-cd)pyrene	26.456	276	44911	0.442	ng		100
37) Benzo(b)fluoranthene	23.194	252	35296	0.440	ng		100
38) Benzo(k)fluoranthene	23.240	252	36378	0.432	ng		100
39) Benzo(a)pyrene	23.828	252	36121	0.440	ng		100
40) Dibenzo(a,h)anthracene	26.480	278	35393	0.440	ng		100
41) Benzo(g,h,i)perylene	27.231	276	39378	0.448	ng		100

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

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