Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040523\
Data File : BN024754.D
Acq On : 04 Apr 2023 19:48
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 04/06/2023
Supervised By :Jagrut Upadhyay 04/06/2023

Quant Time: Apr 05 02:10:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 05 02:07:32 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.960	152	7919	0.400	ng		0.00
7) Naphthalene-d8	10.770	136	22113	0.400	ng		0.00
13) Acenaphthene-d10	14.600	164	12432	0.400	ng		0.00
19) Phenanthrene-d10	17.338	188	27272	0.400	ng		0.00
29) Chrysene-d12	21.538	240	24182	0.400	ng		0.00
35) Perylene-d12	23.991	264	23146	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.505	112	8299	0.454	ng		0.00
5) Phenol-d6	7.115	99	10298	0.446	ng		0.00
8) Nitrobenzene-d5	9.126	82	7989	0.448	ng		0.00
11) 2-Methylnaphthalene-d10	12.357	152	13385	0.457	ng		0.00
14) 2,4,6-Tribromophenol	16.085	330	2379	0.426	ng		0.00
15) 2-Fluorobiphenyl	13.221	172	22580	0.476	ng		0.00
27) Fluoranthene-d10	19.370	212	27602	0.446	ng		0.00
31) Terphenyl-d14	19.964	244	26342	0.481	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	4146	0.476	ng		98
3) n-Nitrosodimethylamine	3.685	42	6736	0.456	ng		98
6) bis(2-Chloroethyl)ether	7.375	93	10790	0.461	ng		100
9) Naphthalene	10.823	128	26288	0.462	ng		100
10) Hexachlorobutadiene	11.101	225	5155	0.475	ng	#	100
12) 2-Methylnaphthalene	12.429	142	18026	0.455	ng		100
16) Acenaphthylene	14.312	152	23164	0.443	ng		100
17) Acenaphthene	14.654	154	16404	0.464	ng		100
18) Fluorene	15.637	166	22694	0.468	ng		99
20) 4,6-Dinitro-2-methylph...	15.737	198	1272	0.424	ng		100
21) 4-Bromophenyl-phenylether	16.531	248	7226	0.450	ng		100
22) Hexachlorobenzene	16.643	284	8402	0.462	ng		100
23) Atrazine	16.805	200	4686	0.428	ng		100
24) Pentachlorophenol	17.028	266	1514	0.410	ng		93
25) Phenanthrene	17.375	178	35887	0.453	ng		100
26) Anthracene	17.475	178	29824	0.432	ng		100
28) Fluoranthene	19.404	202	39941	0.444	ng		100
30) Pyrene	19.766	202	40607	0.472	ng		100
32) Benzo(a)anthracene	21.520	228	38249	0.468	ng		100
33) Chrysene	21.574	228	39880	0.466	ng		100
34) Bis(2-ethylhexyl)phtha...	21.440	149	18396	0.419	ng		100
36) Indeno(1,2,3-cd)pyrene	26.558	276	46009	0.453	ng		99
37) Benzo(b)fluoranthene	23.240	252	39714	0.453	ng		100
38) Benzo(k)fluoranthene	23.290	252	40134m	0.462	ng		
39) Benzo(a)pyrene	23.889	252	37917	0.452	ng		100
40) Dibenzo(a,h)anthracene	26.579	278	36177	0.453	ng		100
41) Benzo(g,h,i)perylene	27.345	276	39260	0.454	ng		100

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

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