Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043021\
Data File : BN014502.D
Acq On : 30 Apr 2021 14:43
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Apr 30 15:36:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 15:34:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.628	152	9315	0.40	ng		0.00
7) Naphthalene-d8	10.404	136	33519	0.40	ng		0.00
13) Acenaphthene-d10	14.270	164	17344	0.40	ng		0.00
19) Phenanthrene-d10	17.019	188	34758	0.40	ng		0.00
29) Chrysene-d12	21.218	240	30171	0.40	ng		0.00
35) Perylene-d12	23.417	264	23906	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.228	112	6542	0.40	ng		0.00
5) Phenol-d6	6.798	99	7413	0.36	ng		0.00
8) Nitrobenzene-d5	8.769	82	6578	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.000	152	24961	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.767	330	1689	0.38	ng		0.00
15) 2-Fluorobiphenyl	12.887	172	24774	0.36	ng		0.00
27) Fluoranthene-d10	19.054	212	42793	0.35	ng		0.00
31) Terphenyl-d14	19.660	244	26114	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.174	88	3741	0.36	ng	#	84
3) n-Nitrosodimethylamine	3.553	42	1123	0.24	ng		87
6) bis(2-Chloroethyl)ether	7.064	93	8061	0.36	ng		100
9) Naphthalene	10.454	128	32367	0.37	ng		100
10) Hexachlorobutadiene	10.746	225	6439	0.38	ng	#	100
12) 2-Methylnaphthalene	12.075	142	20837	0.37	ng		100
16) Acenaphthylene	13.978	152	22038	0.34	ng		100
17) Acenaphthene	14.334	154	17619	0.36	ng		100
18) Fluorene	15.323	166	21532	0.36	ng		100
20) 4,6-Dinitro-2-methylph...	15.425	198	467	0.16	ng		100
21) 4-Bromophenyl-phenylether	16.216	248	6643	0.35	ng		100
22) Hexachlorobenzene	16.325	284	8904	0.35	ng		100
23) Atrazine	16.483	200	3436	0.39	ng		100
24) Pentachlorophenol	16.703	266	1014	0.24	ng	#	38
25) Phenanthrene	17.055	178	35401	0.35	ng		100
26) Anthracene	17.153	178	25564	0.33	ng		100
28) Fluoranthene	19.084	202	37418	0.34	ng		100
30) Pyrene	19.447	202	36698	0.37	ng		100
32) Benzo(a)anthracene	21.197	228	29440	0.36	ng		100
33) Chrysene	21.250	228	34998	0.35	ng		100
34) Bis(2-ethylhexyl)phtha...	21.144	149	10845	0.49	ng		100
36) Indeno(1,2,3-cd)pyrene	25.618	276	29648	0.31	ng		99
37) Benzo(b)fluoranthene	22.757	252	31022	0.34	ng		100
38) Benzo(k)fluoranthene	22.801	252	35950	0.36	ng		100
39) Benzo(a)pyrene	23.322	252	26936	0.34	ng		100
40) Dibenzo(a,h)anthracene	25.635	278	24610	0.30	ng		100
41) Benzo(g,h,i)perylene	26.289	276	31424	0.35	ng		100

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

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