Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040221\
Data File : BN014193.D
Acq On : 02 Apr 2021 15:48
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Apr 02 16:18:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 15:44:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	5385	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	18185	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	10652	0.40	ng		-0.01
19) Phenanthrene-d10	17.055	188	22020	0.40	ng		0.00
29) Chrysene-d12	21.247	240	23781	0.40	ng		0.00
36) Perylene-d12	23.463	264	21620	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	62396	4.52	ng		0.00
5) Phenol-d6	6.855	99	82937	4.73	ng		0.00
8) Nitrobenzene-d5	8.819	82	69160	5.59	ng		-0.01
11) 2-Methylnaphthalene-d10	12.053	152	193354	7.00	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	22599	6.60	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	188962	4.73	ng		0.00
27) Fluoranthene-d10	19.096	212	438458	7.61	ng		0.00
31) Terphenyl-d14	19.697	244	261503	4.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.223	88	28640	4.13	ng		98
3) n-Nitrosodimethylamine	3.537	42	27969	5.24	ng	#	92
6) bis(2-Chloroethyl)ether	7.112	93	66627	4.77	ng		100
9) Naphthalene	10.505	128	232084	5.17	ng		99
10) Hexachlorobutadiene	10.796	225	42360	5.15	ng	#	100
12) 2-Methylnaphthalene	12.124	142	158449	5.39	ng		99
16) Acenaphthylene	14.029	152	236520	5.80	ng		100
17) Acenaphthene	14.372	154	153716	5.21	ng		98
18) Fluorene	15.361	166	193355	5.43	ng		99
21) 4-Bromophenyl-phenylether	16.252	248	62968	5.56	ng	#	66
22) Hexachlorobenzene	16.373	284	66386	5.25	ng		99
23) Atrazine	16.532	200	48228	6.23	ng		97
25) Phenanthrene	17.104	178	312904	5.29	ng		100
26) Anthracene	17.189	178	288931	5.81	ng		100
28) Fluoranthene	19.126	202	370162	5.99	ng		100
30) Pyrene	19.488	202	375744	4.84	ng		100
32) Benzo(a)anthracene	21.237	228	386965	5.87	ng		99
33) Chrysene	21.279	228	386613	5.31	ng		100
34) Bis(2-ethylhexyl)phtha...	21.162	149	170268	8.47	ng		97
35) Indeno(1,2,3-cd)pyrene	25.687	276	440301	5.82	ng		100
37) Benzo(b)fluoranthene	22.798	252	395419	5.19	ng		96
38) Benzo(k)fluoranthene	22.843	252	391461	5.25	ng		97
39) Benzo(a)pyrene	23.367	252	355597	5.43	ng		95
40) Dibenzo(a,h)anthracene	25.701	278	370595	5.51	ng		97
41) Benzo(g,h,i)perylene	26.372	276	380549	5.32	ng		98

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

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