Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042221\
Data File : BN014363.D
Acq On : 21 Apr 2021 20:27
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Apr 22 01:54:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 13:57:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.692	152	7123	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	25305	0.40	ng		0.00
13) Acenaphthene-d10	14.321	164	13034	0.40	ng		0.00
19) Phenanthrene-d10	17.067	188	26371	0.40	ng		0.00
29) Chrysene-d12	21.258	240	24606	0.40	ng		0.00
36) Perylene-d12	23.490	264	20802	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6048	0.41	ng		0.00
5) Phenol-d6	6.863	99	7490	0.42	ng		0.00
8) Nitrobenzene-d5	8.832	82	8157	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.057	152	14967	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.818	330	1485	0.35	ng		0.00
15) 2-Fluorobiphenyl	12.938	172	20479	0.40	ng		0.00
27) Fluoranthene-d10	19.101	212	25727	0.37	ng		0.00
31) Terphenyl-d14	19.707	244	20475	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.255	88	3106	0.36	ng		97
3) n-Nitrosodimethylamine	3.609	42	1313	0.37	ng	#	85
6) bis(2-Chloroethyl)ether	7.120	93	7150	0.41	ng		99
9) Naphthalene	10.518	128	25086	0.40	ng		100
10) Hexachlorobutadiene	10.809	225	5518	0.40	ng	#	99
12) 2-Methylnaphthalene	12.133	142	16355	0.40	ng		100
16) Acenaphthylene	14.042	152	21422	0.39	ng		99
17) Acenaphthene	14.384	154	14007	0.38	ng		98
18) Fluorene	15.374	166	17354	0.39	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	979	0.33	ng		97
21) 4-Bromophenyl-phenylether	16.264	248	5804	0.39	ng		99
22) Hexachlorobenzene	16.373	284	8534	0.42	ng		99
23) Atrazine	16.531	200	2818	0.33	ng		99
24) Pentachlorophenol	16.714	266	1238	0.33	ng		98
25) Phenanthrene	17.103	178	28887	0.39	ng		100
26) Anthracene	17.201	178	21477	0.37	ng		99
28) Fluoranthene	19.131	202	30136	0.38	ng		100
30) Pyrene	19.498	202	28531	0.39	ng		100
32) Benzo(a)anthracene	21.247	228	25125	0.39	ng		100
33) Chrysene	21.300	228	31471	0.41	ng		99
34) Bis(2-ethylhexyl)phtha...	21.183	149	8005	0.35	ng		99
35) Indeno(1,2,3-cd)pyrene	25.722	276	32942	0.39	ng		100
37) Benzo(b)fluoranthene	22.822	252	29200	0.38	ng		98
38) Benzo(k)fluoranthene	22.863	252	30238	0.39	ng		99
39) Benzo(a)pyrene	23.394	252	24987	0.39	ng		97
40) Dibenzo(a,h)anthracene	25.739	278	27162	0.38	ng		99
41) Benzo(g,h,i)perylene	26.403	276	30038	0.39	ng		99

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

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