Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
Data File : BN022028.D
Acq On : 06 Oct 2022 21:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 07 00:42:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.985	152	4427	0.400	ng		0.00
7) Naphthalene-d8	10.805	136	13717	0.400	ng		#-0.01
13) Acenaphthene-d10	14.646	164	7072	0.400	ng		0.00
19) Phenanthrene-d10	17.403	188	14472	0.400	ng		0.00
29) Chrysene-d12	21.599	240	10865	0.400	ng		# 0.00
35) Perylene-d12	24.078	264	8244	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.508	112	3799	0.370	ng		0.00
5) Phenol-d6	7.140	99	4985	0.375	ng		0.00
8) Nitrobenzene-d5	9.161	82	4074	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	12.406	152	8795	0.349	ng		0.00
14) 2,4,6-Tribromophenol	16.137	330	996	0.369	ng		0.00
15) 2-Fluorobiphenyl	13.278	172	11797	0.382	ng		0.00
27) Fluoranthene-d10	19.436	212	13485	0.351	ng		0.00
31) Terphenyl-d14	20.032	244	8026	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	2101	0.367	ng		96
3) n-Nitrosodimethylamine	3.659	42	2348	0.377	ng	#	96
6) bis(2-Chloroethyl)ether	7.400	93	5244	0.373	ng		99
9) Naphthalene	10.859	128	15281	0.369	ng		99
10) Hexachlorobutadiene	11.147	225	2694	0.375	ng	#	100
12) 2-Methylnaphthalene	12.111	142	2519	0.410	ng	#	93
16) Acenaphthylene	14.368	152	11928	0.354	ng		100
17) Acenaphthene	14.710	154	8832	0.373	ng		99
18) Fluorene	15.694	166	11517	0.404	ng		99
20) 4,6-Dinitro-2-methylph...	15.777	198	680	0.431	ng	#	79
21) 4-Bromophenyl-phenylether	16.584	248	3184	0.361	ng	#	87
22) Hexachlorobenzene	16.708	284	3910	0.357	ng		99
23) Atrazine	16.857	200	2196	0.336	ng		97
24) Pentachlorophenol	17.056	266	1198	0.356	ng		99
25) Phenanthrene	17.440	178	17974	0.361	ng		100
26) Anthracene	17.540	178	14084	0.353	ng		100
28) Fluoranthene	19.466	202	18632	0.350	ng		100
30) Pyrene	19.832	202	18454	0.387	ng		100
32) Benzo(a)anthracene	21.582	228	14632	0.358	ng		99
33) Chrysene	21.635	228	17177	0.379	ng		99
34) Bis(2-ethylhexyl)phtha...	21.501	149	7579	0.387	ng		99
36) Indeno(1,2,3-cd)pyrene	26.683	276	14615	0.351	ng		99
37) Benzo(b)fluoranthene	23.318	252	14718	0.377	ng		98
38) Benzo(k)fluoranthene	23.370	252	14131	0.363	ng		99
39) Benzo(a)pyrene	23.970	252	11198	0.376	ng		94
40) Dibenzo(a,h)anthracene	26.703	278	11463	0.345	ng		99
41) Benzo(g,h,i)perylene	27.481	276	11643	0.325	ng		100

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

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