Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
Data File : BN022012.D
Acq On : 04 Oct 2022 19:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 04 23:06:18 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	4863	0.400	ng		0.00
7) Naphthalene-d8	10.816	136	14773	0.400	ng		0.00
13) Acenaphthene-d10	14.653	164	7660	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	15618	0.400	ng		#-0.01
29) Chrysene-d12	21.609	240	12046	0.400	ng		0.00
35) Perylene-d12	24.087	264	9150	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.508	112	4281	0.380	ng		0.00
5) Phenol-d6	7.140	99	5469	0.374	ng		0.00
8) Nitrobenzene-d5	9.161	82	4433	0.373	ng		0.00
11) 2-Methylnaphthalene-d10	12.406	152	10003	0.368	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	1075	0.368	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	12782	0.382	ng		-0.01
27) Fluoranthene-d10	19.441	212	14896	0.359	ng		0.00
31) Terphenyl-d14	20.033	244	9244	0.382	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	2191	0.348	ng		91
3) n-Nitrosodimethylamine	3.667	42	2643	0.386	ng	#	96
6) bis(2-Chloroethyl)ether	7.400	93	5907	0.382	ng		99
9) Naphthalene	10.859	128	16637	0.373	ng		100
10) Hexachlorobutadiene	11.147	225	2907	0.376	ng	#	100
12) 2-Methylnaphthalene	12.115	142	2580	0.390	ng	#	94
16) Acenaphthylene	14.375	152	12960	0.356	ng		100
17) Acenaphthene	14.707	154	9617	0.375	ng		100
18) Fluorene	15.701	166	11819	0.383	ng		100
20) 4,6-Dinitro-2-methylph...	15.786	198	656	0.406	ng		82
21) 4-Bromophenyl-phenylether	16.593	248	3459	0.364	ng	#	91
22) Hexachlorobenzene	16.705	284	4271	0.361	ng		99
23) Atrazine	16.866	200	2449	0.347	ng		97
24) Pentachlorophenol	17.052	266	1189	0.327	ng		97
25) Phenanthrene	17.449	178	19716	0.367	ng		100
26) Anthracene	17.536	178	15246	0.354	ng		100
28) Fluoranthene	19.470	202	20530	0.357	ng		100
30) Pyrene	19.837	202	20555	0.389	ng		100
32) Benzo(a)anthracene	21.591	228	16393	0.362	ng		99
33) Chrysene	21.645	228	19139	0.381	ng		100
34) Bis(2-ethylhexyl)phtha...	21.501	149	7813	0.359	ng		100
36) Indeno(1,2,3-cd)pyrene	26.692	276	16951	0.367	ng		99
37) Benzo(b)fluoranthene	23.321	252	16726	0.386	ng		99
38) Benzo(k)fluoranthene	23.374	252	16305	0.378	ng		99
39) Benzo(a)pyrene	23.976	252	12648	0.382	ng		98
40) Dibenzo(a,h)anthracene	26.715	278	13374	0.363	ng		99
41) Benzo(g,h,i)perylene	27.493	276	13862	0.348	ng		100

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

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