Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012723\
Data File : BN023816.D
Acq On : 26 Jan 2023 13:21
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Jan 27 00:50:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 00:48:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.883	152	5579	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	15091	0.400	ng		0.00
13) Acenaphthene-d10	14.527	164	8730	0.400	ng		0.00
19) Phenanthrene-d10	17.265	188	19765	0.400	ng		0.00
29) Chrysene-d12	21.468	240	17731	0.400	ng		0.00
35) Perylene-d12	23.888	264	14045	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	4252	0.366	ng		0.00
5) Phenol-d6	7.045	99	4917	0.358	ng		0.00
8) Nitrobenzene-d5	9.046	82	4002	0.349	ng		0.00
11) 2-Methylnaphthalene-d10	12.276	152	7161	0.359	ng		0.00
14) 2,4,6-Tribromophenol	16.012	330	1260	0.330	ng		0.00
15) 2-Fluorobiphenyl	13.148	172	11958	0.344	ng		0.00
27) Fluoranthene-d10	19.304	212	14576	0.316	ng		0.00
31) Terphenyl-d14	19.899	244	11471	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.304	88	2200	0.374	ng		100
3) n-Nitrosodimethylamine	3.637	42	2266	0.363	ng		100
6) bis(2-Chloroethyl)ether	7.305	93	5278	0.379	ng		100
9) Naphthalene	10.733	128	13874	0.367	ng		100
10) Hexachlorobutadiene	11.021	225	2791	0.368	ng	#	100
12) 2-Methylnaphthalene	12.352	142	8787	0.363	ng		100
16) Acenaphthylene	14.239	152	11432	0.330	ng		100
17) Acenaphthene	14.581	154	8387	0.361	ng		100
18) Fluorene	15.575	166	11419	0.362	ng		100
20) 4,6-Dinitro-2-methylph...	15.650	198	1046	0.367	ng		100
21) 4-Bromophenyl-phenylether	16.459	248	3889	0.354	ng		100
22) Hexachlorobenzene	16.583	284	4788	0.363	ng		100
23) Atrazine	16.732	200	2712	0.341	ng		100
24) Pentachlorophenol	16.930	266	1437	0.332	ng		100
25) Phenanthrene	17.315	178	19804	0.361	ng		100
26) Anthracene	17.402	178	15157	0.341	ng		100
28) Fluoranthene	19.334	202	19343	0.322	ng		100
30) Pyrene	19.696	202	18302	0.304	ng		100
32) Benzo(a)anthracene	21.450	228	18729	0.347	ng		100
33) Chrysene	21.504	228	21872	0.367	ng		100
34) Bis(2-ethylhexyl)phtha...	21.370	149	8345	0.341	ng		100
36) Indeno(1,2,3-cd)pyrene	26.382	276	20189	0.346	ng		100
37) Benzo(b)fluoranthene	23.145	252	18998	0.359	ng		100
38) Benzo(k)fluoranthene	23.195	252	19173	0.367	ng		100
39) Benzo(a)pyrene	23.768	252	13741	0.346	ng		100
40) Dibenzo(a,h)anthracene	26.399	278	16177	0.343	ng		100
41) Benzo(g,h,i)perylene	27.148	276	17686	0.353	ng		100

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

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