Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100722\
Data File : BN022030.D
Acq On : 07 Oct 2022 09:16
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 10 03:14:36 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	7.978	152	5258	0.400	ng		0.00
7) Naphthalene-d8	10.805	136	16403	0.400	ng		-0.01
13) Acenaphthene-d10	14.642	164	8481	0.400	ng		-0.01
19) Phenanthrene-d10	17.400	188	17000	0.400	ng		-0.01
29) Chrysene-d12	21.600	240	13149	0.400	ng		0.00
35) Perylene-d12	24.078	264	9768	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.501	112	4501	0.370	ng		-0.01
5) Phenol-d6	7.133	99	5862	0.371	ng		-0.01
8) Nitrobenzene-d5	9.150	82	4773	0.362	ng		-0.01
11) 2-Methylnaphthalene-d10	12.398	152	10575	0.351	ng		-0.01
14) 2,4,6-Tribromophenol	16.146	330	1157	0.358	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	14103	0.381	ng		-0.01
27) Fluoranthene-d10	19.437	212	16263	0.360	ng		0.00
31) Terphenyl-d14	20.033	244	10147	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	2402	0.353	ng		96
3) n-Nitrosodimethylamine	3.659	42	2675	0.362	ng	#	97
6) bis(2-Chloroethyl)ether	7.400	93	6348	0.380	ng		99
9) Naphthalene	10.859	128	18297	0.369	ng		100
10) Hexachlorobutadiene	11.136	225	3200	0.373	ng	#	100
12) 2-Methylnaphthalene	12.104	142	2835	0.386	ng	#	91
16) Acenaphthylene	14.365	152	13999	0.347	ng		99
17) Acenaphthene	14.707	154	10571	0.373	ng		99
18) Fluorene	15.690	166	13707	0.401	ng		100
20) 4,6-Dinitro-2-methylph...	15.774	198	818	0.437	ng	#	75
21) 4-Bromophenyl-phenylether	16.580	248	3813	0.368	ng	#	86
22) Hexachlorobenzene	16.705	284	4708	0.366	ng		99
23) Atrazine	16.853	200	2604	0.339	ng		98
24) Pentachlorophenol	17.052	266	1392	0.352	ng		98
25) Phenanthrene	17.437	178	21641	0.370	ng		100
26) Anthracene	17.536	178	16517	0.352	ng		100
28) Fluoranthene	19.466	202	22492	0.359	ng		100
30) Pyrene	19.829	202	22234	0.385	ng		100
32) Benzo(a)anthracene	21.582	228	17490	0.354	ng		99
33) Chrysene	21.636	228	20688	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.501	149	8333	0.351	ng		100
36) Indeno(1,2,3-cd)pyrene	26.677	276	17526	0.355	ng		100
37) Benzo(b)fluoranthene	23.318	252	17598	0.380	ng		98
38) Benzo(k)fluoranthene	23.368	252	17115	0.371	ng		98
39) Benzo(a)pyrene	23.967	252	12892	0.365	ng		98
40) Dibenzo(a,h)anthracene	26.701	278	13781	0.350	ng		99
41) Benzo(g,h,i)perylene	27.481	276	14404	0.339	ng		99

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

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