Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030765.D
Acq On : 08 Apr 2024 10:59
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Apr 08 12:01:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.682	152	4834	0.400	ng		-0.02
7) Naphthalene-d8	10.464	136	15523	0.400	ng		-0.02
13) Acenaphthene-d10	14.327	164	9860	0.400	ng		-0.01
19) Phenanthrene-d10	17.077	188	23126	0.400	ng		-0.01
29) Chrysene-d12	21.267	240	20570	0.400	ng		#-0.02
35) Perylene-d12	23.507	264	18434	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.277	112	4211	0.400	ng		-0.02
5) Phenol-d6	6.859	99	5180	0.383	ng		-0.01
8) Nitrobenzene-d5	8.830	82	4051	0.371	ng		-0.02
11) 2-Methylnaphthalene-d10	12.058	152	9605	0.404	ng		-0.02
14) 2,4,6-Tribromophenol	15.824	330	1508	0.405	ng		-0.01
15) 2-Fluorobiphenyl	12.948	172	13580	0.356	ng		-0.02
27) Fluoranthene-d10	19.112	212	23812	0.382	ng		-0.01
31) Terphenyl-d14	19.716	244	17917	0.377	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	2023	0.347	ng		95
3) n-Nitrosodimethylamine	3.537	42	1988	0.353	ng	#	94
6) bis(2-Chloroethyl)ether	7.119	93	5072	0.380	ng		98
9) Naphthalene	10.517	128	16760	0.390	ng		100
10) Hexachlorobutadiene	10.795	225	3376	0.384	ng	#	100
12) 2-Methylnaphthalene	12.134	142	11429	0.405	ng		99
16) Acenaphthylene	14.038	152	16215	0.363	ng		100
17) Acenaphthene	14.391	154	11427	0.369	ng		100
18) Fluorene	15.375	166	15368	0.382	ng		100
20) 4,6-Dinitro-2-methylph...	15.460	198	715	0.372	ng	#	77
21) 4-Bromophenyl-phenylether	16.271	248	5036	0.360	ng	#	83
22) Hexachlorobenzene	16.370	284	6480	0.388	ng		98
23) Atrazine	16.544	200	3479	0.342	ng		98
24) Pentachlorophenol	16.730	266	1897	0.447	ng		96
25) Phenanthrene	17.115	178	25692	0.375	ng		100
26) Anthracene	17.202	178	20073	0.349	ng		100
28) Fluoranthene	19.140	202	31172	0.382	ng		100
30) Pyrene	19.507	202	31594	0.392	ng		100
32) Benzo(a)anthracene	21.258	228	26669	0.366	ng		99
33) Chrysene	21.303	228	28514	0.365	ng		100
34) Bis(2-ethylhexyl)phtha...	21.195	149	12525	0.396	ng		100
36) Indeno(1,2,3-cd)pyrene	25.767	276	26789	0.328	ng		99
37) Benzo(b)fluoranthene	22.834	252	28453	0.379	ng		99
38) Benzo(k)fluoranthene	22.878	252	27549	0.366	ng		98
39) Benzo(a)pyrene	23.410	252	23036	0.384	ng		97
40) Dibenzo(a,h)anthracene	25.787	278	20955	0.324	ng		99
41) Benzo(g,h,i)perylene	26.457	276	23551	0.339	ng		99

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

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