Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN028003.D
Acq On : 03 Oct 2023 00:50
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 03 01:31:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 19:18:04 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	4343	0.400	ng		0.00
7) Naphthalene-d8	10.767	136	14025	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	8392	0.400	ng		-0.01
19) Phenanthrene-d10	17.344	188	18927	0.400	ng		0.00
29) Chrysene-d12	21.524	240	19573	0.400	ng		0.00
35) Perylene-d12	24.002	264	21897	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.481	112	4760	0.367	ng		0.00
5) Phenol-d6	7.106	99	5884	0.360	ng		0.00
8) Nitrobenzene-d5	9.144	82	4425	0.371	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	8114	0.390	ng		0.00
14) 2,4,6-Tribromophenol	16.090	330	1344	0.350	ng		0.00
15) 2-Fluorobiphenyl	13.219	172	11747	0.388	ng		0.00
27) Fluoranthene-d10	19.374	212	20358	0.428	ng		0.00
31) Terphenyl-d14	19.960	244	16210	0.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	2191	0.450	ng		95
3) n-Nitrosodimethylamine	3.718	42	2215	0.397	ng	#	98
6) bis(2-Chloroethyl)ether	7.387	93	5194	0.395	ng		99
9) Naphthalene	10.821	128	14408	0.398	ng		100
10) Hexachlorobutadiene	11.045	225	2560	0.398	ng	#	99
12) 2-Methylnaphthalene	12.423	142	10089	0.398	ng		99
16) Acenaphthylene	14.320	152	14354	0.386	ng		99
17) Acenaphthene	14.651	154	9564	0.404	ng		99
18) Fluorene	15.631	166	12568	0.408	ng		99
20) 4,6-Dinitro-2-methylph...	16.797	198	80	0.318	ng		82
21) 4-Bromophenyl-phenylether	16.524	248	3890	0.394	ng		92
22) Hexachlorobenzene	16.611	284	4213	0.407	ng		99
23) Atrazine	16.797	200	3322	0.385	ng		98
24) Pentachlorophenol	16.984	266	1452	0.298	ng		99
25) Phenanthrene	17.381	178	20724	0.406	ng		100
26) Anthracene	17.480	178	18909	0.392	ng		99
28) Fluoranthene	19.402	202	25365	0.431	ng		100
30) Pyrene	19.769	202	26313	0.367	ng		100
32) Benzo(a)anthracene	21.506	228	26771	0.402	ng		99
33) Chrysene	21.569	228	26673	0.416	ng		99
34) Bis(2-ethylhexyl)phtha...	21.390	149	15882	0.363	ng		100
36) Indeno(1,2,3-cd)pyrene	26.601	276	29107	0.395	ng		99
37) Benzo(b)fluoranthene	23.236	252	27156	0.384	ng		97
38) Benzo(k)fluoranthene	23.282	252	27854	0.388	ng		97
39) Benzo(a)pyrene	23.887	252	26332	0.394	ng		95
40) Dibenzo(a,h)anthracene	26.615	278	24123	0.400	ng		94
41) Benzo(g,h,i)perylene	27.413	276	23713	0.383	ng		97

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

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