Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121422\
Data File : BN023201.D
Acq On : 14 Dec 2022 15:35
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 15 02:55:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 12 05:18:29 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.013	152	5766	0.400	ng		0.00
7) Naphthalene-d8	10.829	136	17823	0.400	ng		-0.01
13) Acenaphthene-d10	14.656	164	10619	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	24301	0.400	ng	#	0.00
29) Chrysene-d12	21.585	240	24173	0.400	ng		0.00
35) Perylene-d12	24.040	264	19842	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.550	112	5042	0.470	ng		0.00
5) Phenol-d6	7.161	99	6268	0.459	ng		0.00
8) Nitrobenzene-d5	9.174	82	4669	0.398	ng		-0.01
11) 2-Methylnaphthalene-d10	12.416	152	11788	0.390	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	1785	0.463	ng		0.00
15) 2-Fluorobiphenyl	13.287	172	16248	0.383	ng		0.00
27) Fluoranthene-d10	19.431	212	23667	0.416	ng		0.00
31) Terphenyl-d14	20.026	244	13463	0.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	2289	0.402	ng		99
3) n-Nitrosodimethylamine	3.731	42	2180	0.390	ng	#	89
6) bis(2-Chloroethyl)ether	7.428	93	6449	0.416	ng		99
9) Naphthalene	10.883	128	18258	0.402	ng		100
10) Hexachlorobutadiene	11.171	225	3437	0.397	ng	#	100
12) 2-Methylnaphthalene	12.110	142	3177	0.470	ng		98
16) Acenaphthylene	14.378	152	16144	0.377	ng		100
17) Acenaphthene	14.720	154	12295	0.391	ng		99
18) Fluorene	15.703	166	15807	0.449	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	952	0.431	ng	#	86
21) 4-Bromophenyl-phenylether	16.595	248	5240	0.404	ng	#	72
22) Hexachlorobenzene	16.707	284	6674	0.393	ng		99
23) Atrazine	16.856	200	3582	0.392	ng		95
24) Pentachlorophenol	17.054	266	2268	0.384	ng		98
25) Phenanthrene	17.439	178	28152	0.389	ng		100
26) Anthracene	17.539	178	21874	0.379	ng		100
28) Fluoranthene	19.460	202	31959	0.412	ng		100
30) Pyrene	19.823	202	32043	0.362	ng		100
32) Benzo(a)anthracene	21.567	228	33021	0.424	ng		99
33) Chrysene	21.620	228	35379	0.404	ng		100
34) Bis(2-ethylhexyl)phtha...	21.486	149	12633	0.384	ng		98
36) Indeno(1,2,3-cd)pyrene	26.601	276	32832	0.369	ng		100
37) Benzo(b)fluoranthene	23.289	252	31062	0.378	ng		99
38) Benzo(k)fluoranthene	23.335	252	29964	0.359	ng		100
39) Benzo(a)pyrene	23.929	252	25702	0.417	ng		97
40) Dibenzo(a,h)anthracene	26.627	278	25735	0.361	ng		99
41) Benzo(g,h,i)perylene	27.393	276	26693	0.350	ng		99

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

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