Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011923\
Data File : BN023710.D
Acq On : 19 Jan 2023 09:24
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jan 20 04:15:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN011823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 20 04:14:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.992	152	4842	0.400	ng		0.00
7) Naphthalene-d8	10.819	136	12764	0.400	ng	#	0.00
13) Acenaphthene-d10	14.645	164	6719	0.400	ng		0.00
19) Phenanthrene-d10	17.402	188	14473	0.400	ng	#	0.00
29) Chrysene-d12	21.589	240	12364	0.400	ng		0.00
35) Perylene-d12	24.074	264	11803	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	4063	0.399	ng		0.00
5) Phenol-d6	7.147	99	4783	0.395	ng		0.00
8) Nitrobenzene-d5	9.164	82	3834	0.380	ng		0.00
11) 2-Methylnaphthalene-d10	12.405	152	7903	0.448	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	985	0.345	ng		0.00
15) 2-Fluorobiphenyl	13.277	172	10991	0.384	ng		0.00
27) Fluoranthene-d10	19.435	212	13244	0.390	ng		0.00
31) Terphenyl-d14	20.031	244	8321	0.427	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	2060	0.401	ng		99
3) n-Nitrosodimethylamine	3.695	42	2241	0.373	ng	#	95
6) bis(2-Chloroethyl)ether	7.414	93	5257	0.422	ng		99
9) Naphthalene	10.861	128	13135	0.398	ng		100
10) Hexachlorobutadiene	11.150	225	2634	0.393	ng	#	100
12) 2-Methylnaphthalene	12.480	142	8945	0.385	ng		100
16) Acenaphthylene	14.367	152	9779	0.357	ng		100
17) Acenaphthene	14.709	154	7298	0.381	ng		99
18) Fluorene	15.693	166	9864	0.364	ng		99
20) 4,6-Dinitro-2-methylph...	15.776	198	735	0.358	ng	#	81
21) 4-Bromophenyl-phenylether	16.595	248	3087	0.373	ng	#	92
22) Hexachlorobenzene	16.707	284	4004	0.395	ng		99
23) Atrazine	16.856	200	2113	0.356	ng	#	90
24) Pentachlorophenol	17.055	266	1176	0.415	ng		97
25) Phenanthrene	17.439	178	16326	0.388	ng		100
26) Anthracene	17.526	178	12387	0.364	ng		100
28) Fluoranthene	19.465	202	17878	0.389	ng		100
30) Pyrene	19.827	202	18014	0.393	ng		100
32) Benzo(a)anthracene	21.580	228	14408	0.366	ng		98
33) Chrysene	21.634	228	16582	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.500	149	6629	0.378	ng		98
36) Indeno(1,2,3-cd)pyrene	26.679	276	19971	0.379	ng		99
37) Benzo(b)fluoranthene	23.311	252	17141	0.349	ng		99
38) Benzo(k)fluoranthene	23.360	252	17168	0.346	ng		100
39) Benzo(a)pyrene	23.960	252	12434	0.344	ng		99
40) Dibenzo(a,h)anthracene	26.702	278	16274	0.383	ng		98
41) Benzo(g,h,i)perylene	27.480	276	16394	0.365	ng		99

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

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