Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027993.D
Acq On : 02 Oct 2023 18:42
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 02 19:11:21 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 18:49:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.950	152	5522	0.400	ng		0.00
7) Naphthalene-d8	10.767	136	16432	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	9691	0.400	ng		-0.01
19) Phenanthrene-d10	17.343	188	19284	0.400	ng		0.00
29) Chrysene-d12	21.533	240	15055	0.400	ng		0.00
35) Perylene-d12	24.013	264	14441	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.480	112	75558	4.526	ng		0.00
5) Phenol-d6	7.105	99	99518	4.754	ng		0.00
8) Nitrobenzene-d5	9.144	82	76418	5.551	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	129209	5.362	ng		0.00
14) 2,4,6-Tribromophenol	16.090	330	25278	5.830	ng		0.00
15) 2-Fluorobiphenyl	13.218	172	188784	5.479	ng		0.00
27) Fluoranthene-d10	19.379	212	243400	5.030	ng		0.00
31) Terphenyl-d14	19.964	244	189264	5.459	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	29287	4.217	ng		97
3) n-Nitrosodimethylamine	3.711	42	34596	4.856	ng	#	98
6) bis(2-Chloroethyl)ether	7.387	93	82824	4.940	ng		100
9) Naphthalene	10.821	128	222473	5.282	ng		98
10) Hexachlorobutadiene	11.045	225	39073	5.215	ng	#	99
12) 2-Methylnaphthalene	12.426	142	156800	5.329	ng		99
16) Acenaphthylene	14.320	152	240847	5.727	ng		100
17) Acenaphthene	14.651	154	145709	5.383	ng		100
18) Fluorene	15.643	166	186841	5.302	ng		100
20) 4,6-Dinitro-2-methylph...	16.797	198	1312	4.773	ng	#	43
21) 4-Bromophenyl-phenylether	16.524	248	56910	5.787	ng		94
22) Hexachlorobenzene	16.611	284	56504	5.422	ng		98
23) Atrazine	16.797	200	49441	5.752	ng		96
24) Pentachlorophenol	16.983	266	32512	6.898	ng		94
25) Phenanthrene	17.393	178	281359	5.487	ng		99
26) Anthracene	17.480	178	278161	5.788	ng		100
28) Fluoranthene	19.407	202	300207	5.004	ng		100
30) Pyrene	19.774	202	306569	5.658	ng		100
32) Benzo(a)anthracene	21.515	228	272020	5.365	ng		99
33) Chrysene	21.578	228	262147	5.365	ng		99
34) Bis(2-ethylhexyl)phtha...	21.399	149	168196	4.620	ng		100
36) Indeno(1,2,3-cd)pyrene	26.615	276	287341	6.102	ng		99
37) Benzo(b)fluoranthene	23.244	252	240564	5.185	ng	#	87
38) Benzo(k)fluoranthene	23.294	252	248904	5.308	ng	#	87
39) Benzo(a)pyrene	23.899	252	235756	5.408	ng	#	83
40) Dibenzo(a,h)anthracene	26.630	278	235123	6.104	ng	#	88
41) Benzo(g,h,i)perylene	27.425	276	243133	6.158	ng		94

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

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