Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025659.D
Acq On : 28 May 2023 00:10
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 00:55:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	6251	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	18138	0.400	ng		# 0.00
13) Acenaphthene-d10	14.651	164	10773	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	23238	0.400	ng		# 0.00
29) Chrysene-d12	21.578	240	15484	0.400	ng		# 0.00
35) Perylene-d12	24.054	264	13446	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	6589	0.411	ng		0.00
5) Phenol-d6	7.174	99	7884	0.411	ng		0.00
8) Nitrobenzene-d5	9.191	82	5859	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	10866	0.420	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	1145	0.526	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	17751	0.399	ng		0.00
27) Fluoranthene-d10	19.421	212	21637	0.411	ng		0.00
31) Terphenyl-d14	20.015	244	13761	0.406	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	3041	0.420	ng		99
3) n-Nitrosodimethylamine	3.744	42	2729	0.350	ng	#	87
6) bis(2-Chloroethyl)ether	7.434	93	7809	0.395	ng		94
9) Naphthalene	10.889	128	20703	0.417	ng		98
10) Hexachlorobutadiene	11.177	225	3560	0.414	ng	#	96
12) 2-Methylnaphthalene	12.495	142	14247	0.417	ng		99
16) Acenaphthylene	14.373	152	20046	0.394	ng		100
17) Acenaphthene	14.715	154	13739	0.410	ng		99
18) Fluorene	15.693	166	18389	0.415	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	1230	0.494	ng	#	55
21) 4-Bromophenyl-phenylether	16.586	248	5267	0.399	ng	#	88
22) Hexachlorobenzene	16.698	284	4825	0.400	ng		99
23) Atrazine	16.847	200	4196	0.399	ng		95
24) Pentachlorophenol	17.070	266	876	0.848	ng	#	86
25) Phenanthrene	17.430	178	29111	0.412	ng		99
26) Anthracene	17.530	178	25780	0.403	ng		99
28) Fluoranthene	19.453	202	31640	0.410	ng		99
30) Pyrene	19.816	202	32041	0.425	ng		99
32) Benzo(a)anthracene	21.560	228	23248	0.403	ng		99
33) Chrysene	21.614	228	26576	0.425	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	15230	0.434	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.647	276	20895	0.405	ng	#	64
37) Benzo(b)fluoranthene	23.297	252	22148	0.433	ng		94
38) Benzo(k)fluoranthene	23.344	252	22118	0.415	ng		95
39) Benzo(a)pyrene	23.946	252	20256	0.414	ng		94
40) Dibenzo(a,h)anthracene	26.668	278	16417	0.402	ng		95
41) Benzo(g,h,i)perylene	27.437	276	18665	0.400	ng		97

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

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