Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025678.D
Acq On : 28 May 2023 12:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 76 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 01:15:48 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	6395	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	18534	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	10538	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	21949	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	13291	0.400	ng	#	0.00
35) Perylene-d12	24.075	264	11346	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	6527	0.398	ng		0.00
5) Phenol-d6	7.167	99	7932	0.404	ng		0.00
8) Nitrobenzene-d5	9.180	82	6040	0.389	ng		-0.01
11) 2-Methylnaphthalene-d10	12.419	152	10722	0.405	ng		0.00
14) 2,4,6-Tribromophenol	16.140	330	1033	0.485	ng		-0.01
15) 2-Fluorobiphenyl	13.283	172	17657	0.406	ng		0.00
27) Fluoranthene-d10	19.421	212	19797	0.398	ng		0.00
31) Terphenyl-d14	20.011	244	12503	0.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.390	88	3079	0.416	ng		98
3) n-Nitrosodimethylamine	3.744	42	2741	0.344	ng	#	91
6) bis(2-Chloroethyl)ether	7.434	93	7833	0.387	ng		95
9) Naphthalene	10.889	128	20813	0.411	ng		99
10) Hexachlorobutadiene	11.166	225	3606	0.410	ng	#	97
12) 2-Methylnaphthalene	12.491	142	14163	0.406	ng		99
16) Acenaphthylene	14.373	152	19780	0.398	ng		99
17) Acenaphthene	14.715	154	13526	0.413	ng		99
18) Fluorene	15.693	166	17801	0.411	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	1209	0.508	ng	#	58
21) 4-Bromophenyl-phenylether	16.586	248	5106	0.410	ng	#	84
22) Hexachlorobenzene	16.698	284	4688	0.412	ng		99
23) Atrazine	16.847	200	3967	0.399	ng	#	94
24) Pentachlorophenol	17.070	266	654	0.763	ng	#	83
25) Phenanthrene	17.430	178	27691	0.414	ng		100
26) Anthracene	17.530	178	24347	0.403	ng		100
28) Fluoranthene	19.449	202	29051	0.399	ng		100
30) Pyrene	19.811	202	28998	0.448	ng		99
32) Benzo(a)anthracene	21.560	228	19997	0.404	ng		99
33) Chrysene	21.614	228	23125	0.431	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	13508	0.448	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.671	276	19000	0.437	ng	#	61
37) Benzo(b)fluoranthene	23.306	252	18754	0.434	ng		96
38) Benzo(k)fluoranthene	23.355	252	18868	0.419	ng		97
39) Benzo(a)pyrene	23.961	252	17625	0.427	ng		94
40) Dibenzo(a,h)anthracene	26.694	278	14689	0.426	ng		98
41) Benzo(g,h,i)perylene	27.475	276	17087	0.434	ng		98

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

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