Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025640.D
Acq On : 27 May 2023 11:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 29 00:31:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	5415	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16188	0.400	ng		#-0.01
13) Acenaphthene-d10	14.651	164	9696	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	21154	0.400	ng		0.00
29) Chrysene-d12	21.578	240	15240	0.400	ng		# 0.00
35) Perylene-d12	24.069	264	14905	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.556	112	5367	0.387	ng		0.00
5) Phenol-d6	7.174	99	6470	0.389	ng		0.00
8) Nitrobenzene-d5	9.191	82	4914	0.363	ng		0.00
11) 2-Methylnaphthalene-d10	12.423	152	8962	0.388	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	961	0.490	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	14999	0.375	ng		0.00
27) Fluoranthene-d10	19.425	212	18525	0.387	ng		0.00
31) Terphenyl-d14	20.015	244	12051	0.361	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2447	0.390	ng		99
3) n-Nitrosodimethylamine	3.744	42	2173	0.322	ng	#	89
6) bis(2-Chloroethyl)ether	7.434	93	7132	0.416	ng		98
9) Naphthalene	10.889	128	17086	0.386	ng		99
10) Hexachlorobutadiene	11.177	225	2962	0.386	ng	#	97
12) 2-Methylnaphthalene	12.494	142	11793	0.387	ng		99
16) Acenaphthylene	14.373	152	17238	0.377	ng		99
17) Acenaphthene	14.715	154	11669	0.387	ng		100
18) Fluorene	15.693	166	15518	0.389	ng		100
20) 4,6-Dinitro-2-methylph...	15.792	198	695	0.356	ng	#	74
21) 4-Bromophenyl-phenylether	16.586	248	4431	0.369	ng	#	91
22) Hexachlorobenzene	16.698	284	4161	0.379	ng		99
23) Atrazine	16.847	200	3633	0.379	ng	#	94
24) Pentachlorophenol	17.070	266	521m	0.704	ng		
25) Phenanthrene	17.443	178	24920	0.387	ng		99
26) Anthracene	17.530	178	22054	0.379	ng		100
28) Fluoranthene	19.453	202	27436	0.391	ng		100
30) Pyrene	19.816	202	28068	0.378	ng		99
32) Benzo(a)anthracene	21.560	228	21589	0.380	ng		99
33) Chrysene	21.614	228	24264	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	13796	0.399	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.674	276	22062	0.386	ng	#	60
37) Benzo(b)fluoranthene	23.303	252	22249	0.392	ng		94
38) Benzo(k)fluoranthene	23.355	252	22395	0.379	ng		93
39) Benzo(a)pyrene	23.955	252	21396	0.395	ng	#	89
40) Dibenzo(a,h)anthracene	26.700	278	17024	0.376	ng		94
41) Benzo(g,h,i)perylene	27.463	276	19274	0.373	ng		97

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

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