Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
Data File : BN025453.D
Acq On : 17 May 2023 14:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/18/2023
Supervised By :Jagrut Upadhyay 05/18/2023

Quant Time: May 17 15:01:01 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 02:52:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.084	152	5559	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	15872	0.400	ng	#	0.00
13) Acenaphthene-d10	14.715	164	9565	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	21240	0.400	ng		0.00
29) Chrysene-d12	21.647	240	17459	0.400	ng		0.00
35) Perylene-d12	24.174	264	18821	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.614	112	5395	0.452	ng		0.00
5) Phenol-d6	7.225	99	7187	0.448	ng		0.00
8) Nitrobenzene-d5	9.244	82	5288	0.488	ng		-0.01
11) 2-Methylnaphthalene-d10	12.487	152	9644	0.435	ng		0.00
14) 2,4,6-Tribromophenol	16.206	330	1542	0.476	ng		0.00
15) 2-Fluorobiphenyl	13.347	172	16673	0.477	ng		-0.01
27) Fluoranthene-d10	19.486	212	21456	0.425	ng		0.00
31) Terphenyl-d14	20.080	244	14592	0.460	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2450	0.471	ng		98
3) n-Nitrosodimethylamine	3.787	42	2583	0.414	ng	#	98
6) bis(2-Chloroethyl)ether	7.492	93	7405	0.345	ng		92
9) Naphthalene	10.953	128	17739	0.448	ng		99
10) Hexachlorobutadiene	11.252	225	3503	0.451	ng	#	99
12) 2-Methylnaphthalene	12.559	142	12677	0.435	ng		99
16) Acenaphthylene	14.438	152	18811	0.427	ng		100
17) Acenaphthene	14.780	154	12387	0.452	ng		99
18) Fluorene	15.759	166	15880	0.441	ng		99
20) 4,6-Dinitro-2-methylph...	15.821	198	1455	0.540	ng	#	73
21) 4-Bromophenyl-phenylether	16.653	248	5525	0.448	ng	#	94
22) Hexachlorobenzene	16.765	284	5290	0.463	ng		100
23) Atrazine	16.914	200	4086	0.395	ng		97
24) Pentachlorophenol	17.112	266	1877	0.540	ng		99
25) Phenanthrene	17.497	178	26536	0.444	ng		99
26) Anthracene	17.596	178	24197	0.418	ng		100
28) Fluoranthene	19.515	202	30643	0.433	ng		99
30) Pyrene	19.878	202	34167	0.513	ng		97
32) Benzo(a)anthracene	21.629	228	27850	0.454	ng		99
33) Chrysene	21.683	228	29192	0.479	ng		98
34) Bis(2-ethylhexyl)phtha...	21.558	149	14662	0.409	ng		100
36) Indeno(1,2,3-cd)pyrene	26.814	276	33044m	0.434	ng		
37) Benzo(b)fluoranthene	23.400	252	27890	0.423	ng		99
38) Benzo(k)fluoranthene	23.449	252	30609	0.452	ng		99
39) Benzo(a)pyrene	24.060	252	26058	0.415	ng		99
40) Dibenzo(a,h)anthracene	26.844	278	27289m	0.447	ng		
41) Benzo(g,h,i)perylene	27.630	276	28416	0.441	ng		99

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

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