Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052323\
Data File : BN025579.D
Acq On : 23 May 2023 19:23
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/24/2023
Supervised By :mohammad ahmed 05/24/2023

Quant Time: May 24 03:50:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 23 03:22:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.063	152	3768	0.400	ng		0.00
7) Naphthalene-d8	10.878	136	10997	0.400	ng		#-0.01
13) Acenaphthene-d10	14.694	164	6369	0.400	ng		0.00
19) Phenanthrene-d10	17.435	188	14096	0.400	ng		# 0.00
29) Chrysene-d12	21.607	240	10215	0.400	ng		# 0.00
35) Perylene-d12	24.129	264	10467	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.600	112	4199	0.433	ng		0.00
5) Phenol-d6	7.211	99	5325	0.436	ng		0.00
8) Nitrobenzene-d5	9.223	82	4109	0.406	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	6477	0.401	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1040	0.391	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	11528	0.417	ng		0.00
27) Fluoranthene-d10	19.456	212	12864	0.385	ng		0.00
31) Terphenyl-d14	20.049	244	8838	0.418	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.448	88	1759	0.403	ng		99
3) n-Nitrosodimethylamine	3.780	42	2013	0.389	ng		94
6) bis(2-Chloroethyl)ether	7.478	93	4710	0.421	ng		99
9) Naphthalene	10.931	128	12404	0.407	ng		99
10) Hexachlorobutadiene	11.220	225	2181	0.410	ng	#	100
12) 2-Methylnaphthalene	12.536	142	8711	0.404	ng		98
16) Acenaphthylene	14.416	152	12440	0.398	ng		100
17) Acenaphthene	14.758	154	8513	0.395	ng		96
18) Fluorene	15.735	166	10601	0.394	ng		98
20) 4,6-Dinitro-2-methylph...	15.797	198	1195	0.320	ng	#	66
21) 4-Bromophenyl-phenylether	16.616	248	3363	0.403	ng	#	73
22) Hexachlorobenzene	16.740	284	2955	0.397	ng		96
23) Atrazine	16.876	200	2765	0.376	ng	#	93
24) Pentachlorophenol	17.075	266	1478	0.352	ng		98
25) Phenanthrene	17.472	178	17858	0.394	ng		99
26) Anthracene	17.559	178	16267	0.395	ng		99
28) Fluoranthene	19.486	202	19331	0.386	ng		100
30) Pyrene	19.848	202	19734	0.428	ng		100
32) Benzo(a)anthracene	21.598	228	16723	0.414	ng		99
33) Chrysene	21.652	228	17423	0.415	ng		100
34) Bis(2-ethylhexyl)phtha...	21.518	149	10504	0.418	ng		99
36) Indeno(1,2,3-cd)pyrene	26.761	276	18903	0.395	ng		98
37) Benzo(b)fluoranthene	23.352	252	17486m	0.415	ng		
38) Benzo(k)fluoranthene	23.407	252	16910	0.394	ng		100
39) Benzo(a)pyrene	24.012	252	15873	0.409	ng	#	93
40) Dibenzo(a,h)anthracene	26.784	278	15146	0.390	ng		98
41) Benzo(g,h,i)perylene	27.565	276	15349	0.376	ng		98

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

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