Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025535.D
Acq On : 20 May 2023 23:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/22/2023
Supervised By :Jagrut Upadhyay 05/22/2023

Quant Time: May 22 02:01:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 22 01:54:38 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.070	152	4730	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	13799	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	8141	0.400	ng		-0.01
19) Phenanthrene-d10	17.435	188	17867	0.400	ng		# 0.00
29) Chrysene-d12	21.611	240	11380	0.400	ng		# 0.00
35) Perylene-d12	24.116	264	9064	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.607	112	5140	0.481	ng		0.00
5) Phenol-d6	7.218	99	6517	0.476	ng		0.00
8) Nitrobenzene-d5	9.234	82	5625	0.511	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	9482	0.494	ng		0.00
14) 2,4,6-Tribromophenol	16.181	330	1419	0.447	ng		0.00
15) 2-Fluorobiphenyl	13.325	172	16378	0.526	ng		-0.01
27) Fluoranthene-d10	19.464	212	18668	0.453	ng		0.00
31) Terphenyl-d14	20.053	244	12939	0.640	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2485	0.515	ng		98
3) n-Nitrosodimethylamine	3.787	42	2670	0.502	ng	#	89
6) bis(2-Chloroethyl)ether	7.485	93	6782	0.509	ng		98
9) Naphthalene	10.942	128	17624	0.502	ng		99
10) Hexachlorobutadiene	11.230	225	3162	0.474	ng	#	98
12) 2-Methylnaphthalene	12.540	142	12553	0.494	ng		99
16) Acenaphthylene	14.416	152	18402	0.495	ng		100
17) Acenaphthene	14.758	154	12718	0.519	ng		99
18) Fluorene	15.734	166	15765	0.520	ng		98
20) 4,6-Dinitro-2-methylph...	15.809	198	1902	0.512	ng	#	77
21) 4-Bromophenyl-phenylether	16.628	248	5053	0.480	ng	#	91
22) Hexachlorobenzene	16.740	284	4611	0.469	ng		93
23) Atrazine	16.889	200	3876	0.453	ng		95
24) Pentachlorophenol	17.087	266	1997	0.403	ng		98
25) Phenanthrene	17.484	178	26350	0.503	ng		99
26) Anthracene	17.571	178	23897	0.488	ng		100
28) Fluoranthene	19.494	202	27874	0.468	ng		100
30) Pyrene	19.856	202	27709	0.610	ng		100
32) Benzo(a)anthracene	21.593	228	21323	0.517	ng		99
33) Chrysene	21.656	228	21872	0.535	ng		100
34) Bis(2-ethylhexyl)phtha...	21.513	149	11956	0.493	ng		99
36) Indeno(1,2,3-cd)pyrene	26.738	276	16953	0.462	ng		98
37) Benzo(b)fluoranthene	23.350	252	18427m	0.548	ng		
38) Benzo(k)fluoranthene	23.405	252	18007	0.524	ng		98
39) Benzo(a)pyrene	24.008	252	15594	0.492	ng	#	93
40) Dibenzo(a,h)anthracene	26.765	278	13810	0.470	ng		96
41) Benzo(g,h,i)perylene	27.545	276	14155	0.457	ng		98

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

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