Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024332.D
Acq On : 17 Mar 2023 03:57
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

Quant Time: Mar 17 04:45:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	9373	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	26987	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	12266	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	24323	0.400	ng		# 0.00
29) Chrysene-d12	21.610	240	16109	0.400	ng		0.00
35) Perylene-d12	24.103	264	11757	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	9248	0.446	ng		0.00
5) Phenol-d6	7.188	99	11973	0.449	ng		0.00
8) Nitrobenzene-d5	9.201	82	7609	0.422	ng		0.00
11) 2-Methylnaphthalene-d10	12.437	152	11625	0.350	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	2154	0.344	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	18624	0.402	ng		0.00
27) Fluoranthene-d10	19.442	212	17889	0.347	ng		0.00
31) Terphenyl-d14	20.034	244	10461	0.385	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	4097	0.402	ng		91
3) n-Nitrosodimethylamine	3.764	42	7072	0.473	ng		90
6) bis(2-Chloroethyl)ether	7.455	93	10827	0.409	ng		94
9) Naphthalene	10.909	128	26510	0.386	ng		100
10) Hexachlorobutadiene	11.197	225	5039	0.387	ng	#	99
12) 2-Methylnaphthalene	12.512	142	16455	0.355	ng		99
16) Acenaphthylene	14.397	152	21330	0.367	ng		100
17) Acenaphthene	14.739	154	14117	0.381	ng		96
18) Fluorene	15.712	166	15848	0.358	ng		100
20) 4,6-Dinitro-2-methylph...	15.787	198	880	0.372	ng		97
21) 4-Bromophenyl-phenylether	16.606	248	4870	0.337	ng	#	83
22) Hexachlorobenzene	16.718	284	6673	0.376	ng		95
23) Atrazine	16.867	200	3512	0.383	ng	#	92
24) Pentachlorophenol	17.065	266	2095	0.323	ng		98
25) Phenanthrene	17.462	178	27632	0.383	ng		99
26) Anthracene	17.549	178	23115	0.348	ng		100
28) Fluoranthene	19.476	202	28004	0.355	ng		99
30) Pyrene	19.838	202	27947	0.428	ng		100
32) Benzo(a)anthracene	21.592	228	19393	0.361	ng		100
33) Chrysene	21.646	228	22842	0.398	ng		100
34) Bis(2-ethylhexyl)phtha...	21.502	149	9714	0.384	ng		97
36) Indeno(1,2,3-cd)pyrene	26.699	276	15405	0.350	ng		96
37) Benzo(b)fluoranthene	23.337	252	18200m	0.398	ng		
38) Benzo(k)fluoranthene	23.386	252	17901	0.380	ng	#	95
39) Benzo(a)pyrene	23.986	252	15340	0.366	ng	#	92
40) Dibenzo(a,h)anthracene	26.719	278	11273	0.330	ng		95
41) Benzo(g,h,i)perylene	27.503	276	14784	0.371	ng		95

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

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