Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120222\
Data File : BN023046.D
Acq On : 02 Dec 2022 12:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/05/2022
Supervised By :Jagrut Upadhyay 12/05/2022

Quant Time: Dec 05 00:33:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 02:30:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	5439	0.400	ng		0.00
7) Naphthalene-d8	10.872	136	14933	0.400	ng	#	0.00
13) Acenaphthene-d10	14.688	164	8163	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	16656	0.400	ng	#	0.00
29) Chrysene-d12	21.616	240	10159	0.400	ng	#	0.00
35) Perylene-d12	24.097	264	7014	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.587	112	4827	0.342	ng		0.00
5) Phenol-d6	7.197	99	6236	0.346	ng		0.00
8) Nitrobenzene-d5	9.217	82	4573	0.394	ng		0.00
11) 2-Methylnaphthalene-d10	12.454	152	11647	0.360	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	1290	0.327	ng		-0.01
15) 2-Fluorobiphenyl	13.319	172	15245	0.408	ng		0.00
27) Fluoranthene-d10	19.464	212	18105	0.400	ng		0.00
31) Terphenyl-d14	20.058	244	9730	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2603	0.377	ng		98
3) n-Nitrosodimethylamine	3.767	42	2548	0.342	ng	#	89
6) bis(2-Chloroethyl)ether	7.464	93	6867	0.406	ng		99
9) Naphthalene	10.914	128	18018	0.392	ng		100
10) Hexachlorobutadiene	11.213	225	3807	0.403	ng	#	100
12) 2-Methylnaphthalene	12.140	142	2985	0.318	ng	#	97
16) Acenaphthylene	14.410	152	14495m	0.335	ng		
17) Acenaphthene	14.752	154	11160	0.392	ng		99
18) Fluorene	15.726	166	13716	0.377	ng		100
20) 4,6-Dinitro-2-methylph...	15.801	198	797	0.428	ng	#	70
21) 4-Bromophenyl-phenylether	16.620	248	4449	0.370	ng		95
22) Hexachlorobenzene	16.744	284	5937	0.405	ng		96
23) Atrazine	16.893	200	2661	0.314	ng	#	87
24) Pentachlorophenol	17.079	266	1469	0.366	ng		99
25) Phenanthrene	17.476	178	22524	0.389	ng		99
26) Anthracene	17.563	178	17168	0.342	ng		100
28) Fluoranthene	19.490	202	22164	0.360	ng		99
30) Pyrene	19.856	202	21160	0.400	ng		100
32) Benzo(a)anthracene	21.598	228	14282	0.348	ng		99
33) Chrysene	21.652	228	17304	0.406	ng		99
34) Bis(2-ethylhexyl)phtha...	21.527	149	6626	0.402	ng		98
36) Indeno(1,2,3-cd)pyrene	26.693	276	13618	0.468	ng		98
37) Benzo(b)fluoranthene	23.337	252	13465	0.430	ng	#	95
38) Benzo(k)fluoranthene	23.390	252	13135	0.387	ng	#	95
39) Benzo(a)pyrene	23.986	252	9626	0.403	ng	#	89
40) Dibenzo(a,h)anthracene	26.714	278	10709	0.463	ng		98
41) Benzo(g,h,i)perylene	27.488	276	11288	0.453	ng		98

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

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