Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022979.D
Acq On : 30 Nov 2022 10:51
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 30 22:58:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 00:45:21 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
12/01/2022
Supervised By :Jagrut Upadhyay
12/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.057	152	5406	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	14764	0.400	ng	#	0.00
13) Acenaphthene-d10	14.698	164	7666	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	15665	0.400	ng		0.00
29) Chrysene-d12	21.634	240	9318	0.400	ng	#	0.00
35) Perylene-d12	24.120	264	5889	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	4471	0.318	ng		0.00
5) Phenol-d6	7.204	99	5784	0.323	ng		0.00
8) Nitrobenzene-d5	9.217	82	4144	0.361	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	11063	0.345	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1055	0.285	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	13560	0.387	ng		0.00
27) Fluoranthene-d10	19.473	212	15469	0.364	ng		0.00
31) Terphenyl-d14	20.067	244	8276	0.378	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	2343	0.341	ng		99
3) n-Nitrosodimethylamine	3.767	42	2416	0.327	ng	#	90
6) bis(2-Chloroethyl)ether	7.472	93	6323	0.376	ng		99
9) Naphthalene	10.925	128	16386	0.360	ng		99
10) Hexachlorobutadiene	11.224	225	3506	0.376	ng	#	99
12) 2-Methylnaphthalene	12.151	142	2675	0.288	ng	#	96
16) Acenaphthylene	14.420	152	12910m	0.318	ng		
17) Acenaphthene	14.762	154	9712	0.364	ng		97
18) Fluorene	15.739	166	12137	0.355	ng		99
20) 4,6-Dinitro-2-methylph...	15.813	198	588	0.336	ng	#	67
21) 4-Bromophenyl-phenylether	16.632	248	3994	0.353	ng		96
22) Hexachlorobenzene	16.744	284	5295	0.384	ng		97
23) Atrazine	16.893	200	2321	0.291	ng		99
24) Pentachlorophenol	17.092	266	1108	0.293	ng		98
25) Phenanthrene	17.489	178	19733	0.362	ng		100
26) Anthracene	17.576	178	15216	0.322	ng		99
28) Fluoranthene	19.502	202	18950	0.327	ng		99
30) Pyrene	19.865	202	18189	0.375	ng		100
32) Benzo(a)anthracene	21.616	228	12377	0.329	ng		100
33) Chrysene	21.670	228	14725	0.377	ng		99
34) Bis(2-ethylhexyl)phtha...	21.535	149	5393	0.357	ng		99
36) Indeno(1,2,3-cd)pyrene	26.725	276	10170	0.416	ng		97
37) Benzo(b)fluoranthene	23.357	252	10843	0.412	ng	#	93
38) Benzo(k)fluoranthene	23.407	252	10925	0.384	ng	#	93
39) Benzo(a)pyrene	24.006	252	7259	0.362	ng	#	87
40) Dibenzo(a,h)anthracene	26.749	278	8189	0.422	ng		95
41) Benzo(g,h,i)perylene	27.521	276	8914	0.426	ng		97

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

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