Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022994.D
Acq On : 30 Nov 2022 20:03
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Nov 30 23:03:33 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 :
SSTDCCC0.4EC

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	8.064	152	6630	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	17725	0.400	ng	#	0.00
13) Acenaphthene-d10	14.698	164	8245	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	15519	0.400	ng		0.00
29) Chrysene-d12	21.629	240	9973	0.400	ng	#	0.00
35) Perylene-d12	24.113	264	7891	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	5416	0.314	ng		0.00
5) Phenol-d6	7.204	99	7080	0.323	ng		0.00
8) Nitrobenzene-d5	9.217	82	4993	0.363	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	13466	0.350	ng		0.00
14) 2,4,6-Tribromophenol	16.185	330	1069	0.269	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	14872	0.394	ng		0.00
27) Fluoranthene-d10	19.469	212	15067	0.357	ng		0.00
31) Terphenyl-d14	20.062	244	8111	0.346	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	3483	0.414	ng		97
3) n-Nitrosodimethylamine	3.774	42	2955	0.326	ng	#	95
6) bis(2-Chloroethyl)ether	7.471	93	7619	0.370	ng		99
9) Naphthalene	10.925	128	19472	0.357	ng		100
10) Hexachlorobutadiene	11.224	225	4052	0.362	ng	#	99
12) 2-Methylnaphthalene	12.151	142	2973	0.267	ng	#	96
16) Acenaphthylene	14.420	152	13792m	0.316	ng		
17) Acenaphthene	14.762	154	10375	0.361	ng		98
18) Fluorene	15.739	166	12242	0.333	ng		99
20) 4,6-Dinitro-2-methylph...	15.813	198	700	0.404	ng	#	72
21) 4-Bromophenyl-phenylether	16.632	248	3808	0.340	ng		93
22) Hexachlorobenzene	16.744	284	5092	0.372	ng		96
23) Atrazine	16.893	200	2204	0.279	ng		97
24) Pentachlorophenol	17.092	266	1095	0.292	ng		100
25) Phenanthrene	17.476	178	19434	0.360	ng		100
26) Anthracene	17.576	178	14925	0.319	ng		100
28) Fluoranthene	19.498	202	18250	0.318	ng		98
30) Pyrene	19.861	202	17652	0.340	ng		100
32) Benzo(a)anthracene	21.611	228	13282	0.330	ng		99
33) Chrysene	21.665	228	15697	0.376	ng		99
34) Bis(2-ethylhexyl)phtha...	21.531	149	5459	0.337	ng		98
36) Indeno(1,2,3-cd)pyrene	26.718	276	15400	0.470	ng		97
37) Benzo(b)fluoranthene	23.350	252	13664	0.388	ng	#	92
38) Benzo(k)fluoranthene	23.399	252	14129	0.370	ng	#	95
39) Benzo(a)pyrene	24.002	252	9768	0.363	ng	#	86
40) Dibenzo(a,h)anthracene	26.741	278	12717	0.489	ng		96
41) Benzo(g,h,i)perylene	27.513	276	12534	0.447	ng		98

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

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