Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113022\
Data File : BN022996.D
Acq On : 30 Nov 2022 23:12
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 00:58:02 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 :
SSTDCCC0.4

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	7069	0.400	ng		0.00
7) Naphthalene-d8	10.882	136	19535	0.400	ng		# 0.00
13) Acenaphthene-d10	14.698	164	10302	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	20764	0.400	ng		0.00
29) Chrysene-d12	21.625	240	12580	0.400	ng		# 0.00
35) Perylene-d12	24.112	264	9443	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	5930	0.323	ng		0.00
5) Phenol-d6	7.204	99	7752	0.331	ng		0.00
8) Nitrobenzene-d5	9.217	82	5351	0.353	ng		-0.01
11) 2-Methylnaphthalene-d10	12.461	152	16557	0.391	ng		0.00
14) 2,4,6-Tribromophenol	16.186	330	1381	0.278	ng		0.00
15) 2-Fluorobiphenyl	13.330	172	17587	0.373	ng		0.00
27) Fluoranthene-d10	19.469	212	20840	0.369	ng		0.00
31) Terphenyl-d14	20.067	244	11345	0.384	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.442	88	3708	0.413	ng		99
3) n-Nitrosodimethylamine	3.767	42	3033	0.314	ng	#	96
6) bis(2-Chloroethyl)ether	7.472	93	8212	0.374	ng		100
9) Naphthalene	10.925	128	21565	0.358	ng		100
10) Hexachlorobutadiene	11.224	225	4470	0.362	ng	#	100
12) 2-Methylnaphthalene	12.147	142	3552	0.289	ng	#	98
16) Acenaphthylene	14.420	152	16880m	0.309	ng		
17) Acenaphthene	14.762	154	12717	0.354	ng		98
18) Fluorene	15.739	166	15485	0.337	ng		100
20) 4,6-Dinitro-2-methylph...	15.813	198	790	0.340	ng	#	63
21) 4-Bromophenyl-phenylether	16.632	248	5048	0.337	ng	#	90
22) Hexachlorobenzene	16.744	284	6697	0.366	ng		98
23) Atrazine	16.893	200	3072	0.291	ng		96
24) Pentachlorophenol	17.092	266	1440	0.287	ng		99
25) Phenanthrene	17.476	178	26002	0.360	ng		100
26) Anthracene	17.576	178	19972	0.319	ng		100
28) Fluoranthene	19.498	202	25339	0.330	ng		99
30) Pyrene	19.861	202	25934	0.396	ng		98
32) Benzo(a)anthracene	21.607	228	16995	0.334	ng		99
33) Chrysene	21.661	228	19824	0.376	ng		99
34) Bis(2-ethylhexyl)phtha...	21.535	149	7437	0.364	ng		98
36) Indeno(1,2,3-cd)pyrene	26.714	276	16336	0.417	ng		97
37) Benzo(b)fluoranthene	23.349	252	16050	0.381	ng	#	94
38) Benzo(k)fluoranthene	23.398	252	16271	0.356	ng	#	95
39) Benzo(a)pyrene	24.001	252	11255	0.350	ng	#	87
40) Dibenzo(a,h)anthracene	26.734	278	13402	0.431	ng		95
41) Benzo(g,h,i)perylene	27.515	276	12713	0.379	ng		97

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

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