Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051723\
Data File : BN025449.D
Acq On : 17 May 2023 10:39
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 17 11:12:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 02:52:36 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/18/2023
Supervised By :Jagrut Upadhyay
05/18/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.091	152	5419	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	15549	0.400	ng	#	0.00
13) Acenaphthene-d10	14.715	164	9183	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	20686	0.400	ng	#	0.00
29) Chrysene-d12	21.647	240	16855	0.400	ng	#	0.00
35) Perylene-d12	24.168	264	17987	0.400	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.621	112	5187	0.446	ng		0.00
5) Phenol-d6	7.232	99	6950	0.445	ng		0.00
8) Nitrobenzene-d5	9.244	82	5153	0.485	ng		-0.01
11) 2-Methylnaphthalene-d10	12.487	152	9345	0.430	ng		0.00
14) 2,4,6-Tribromophenol	16.206	330	1509	0.485	ng		0.00
15) 2-Fluorobiphenyl	13.347	172	16035	0.477	ng		-0.01
27) Fluoranthene-d10	19.481	212	20380	0.414	ng		0.00
31) Terphenyl-d14	20.080	244	14502	0.473	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	2429	0.479	ng		99
3) n-Nitrosodimethylamine	3.794	42	2569	0.423	ng	#	96
6) bis(2-Chloroethyl)ether	7.499	93	7144	0.339	ng		93
9) Naphthalene	10.952	128	17245	0.444	ng		99
10) Hexachlorobutadiene	11.251	225	3404	0.448	ng	#	99
12) 2-Methylnaphthalene	12.559	142	12342	0.432	ng		99
16) Acenaphthylene	14.437	152	18543	0.438	ng		100
17) Acenaphthene	14.779	154	11831	0.449	ng		99
18) Fluorene	15.759	166	15502	0.448	ng		98
20) 4,6-Dinitro-2-methylph...	15.821	198	1456	0.552	ng	#	78
21) 4-Bromophenyl-phenylether	16.653	248	5347	0.446	ng	#	89
22) Hexachlorobenzene	16.764	284	4998	0.449	ng		97
23) Atrazine	16.913	200	4032	0.400	ng	#	95
24) Pentachlorophenol	17.112	266	1673	0.511	ng		97
25) Phenanthrene	17.497	178	25747	0.442	ng		100
26) Anthracene	17.596	178	23787	0.422	ng		100
28) Fluoranthene	19.511	202	29279	0.425	ng		100
30) Pyrene	19.873	202	30576	0.475	ng		100
32) Benzo(a)anthracene	21.629	228	27035	0.457	ng		99
33) Chrysene	21.683	228	27831	0.473	ng		99
34) Bis(2-ethylhexyl)phtha...	21.557	149	14212	0.410	ng		99
36) Indeno(1,2,3-cd)pyrene	26.811	276	31579m	0.434	ng		
37) Benzo(b)fluoranthene	23.396	252	26550	0.421	ng		99
38) Benzo(k)fluoranthene	23.452	252	28860	0.446	ng		98
39) Benzo(a)pyrene	24.060	252	24686	0.411	ng		98
40) Dibenzo(a,h)anthracene	26.846	278	25702m	0.440	ng		
41) Benzo(g,h,i)perylene	27.621	276	26907	0.437	ng		99

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

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