Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019052.D
Acq On : 22 Mar 2022 10:04
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/22/2022
Supervised By :Jagrut Upadhyay 03/23/2022

Quant Time: Mar 22 12:18:59 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	6723	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	18854	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	10036	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	15632	0.400	ng		-0.01
29) Chrysene-d12	21.413	240	9108	0.400	ng		# 0.00
35) Perylene-d12	23.785	264	8368	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	5613	0.373	ng		0.00
5) Phenol-d6	7.009	99	5830	0.369	ng		0.00
8) Nitrobenzene-d5	9.003	82	4511	0.332	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	11043	0.353	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1125	0.232	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	16627	0.413	ng		-0.01
27) Fluoranthene-d10	19.261	212	14390	0.310	ng		0.00
31) Terphenyl-d14	19.860	244	7712	0.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	3026	0.364	ng		96
3) n-Nitrosodimethylamine	3.572	42	3128	0.323	ng	#	97
6) bis(2-Chloroethyl)ether	7.269	93	7160	0.381	ng		98
9) Naphthalene	10.701	128	20664	0.385	ng		100
10) Hexachlorobutadiene	11.000	225	4840	0.369	ng	#	99
12) 2-Methylnaphthalene	12.321	142	13090	0.359	ng		98
16) Acenaphthylene	14.206	152	17092	0.367	ng		100
17) Acenaphthene	14.549	154	12025	0.368	ng		98
18) Fluorene	15.532	166	13947	0.339	ng		99
20) 4,6-Dinitro-2-methylph...	15.628	198	222	0.185	ng	#	23
21) 4-Bromophenyl-phenylether	16.425	248	4033	0.409	ng		95
22) Hexachlorobenzene	16.549	284	5327	0.419	ng		99
23) Atrazine	16.682	200	2347	0.319	ng		98
24) Pentachlorophenol	16.887	266	701	0.180	ng		99
25) Phenanthrene	17.266	178	18208	0.372	ng		100
26) Anthracene	17.359	178	13929	0.337	ng		100
28) Fluoranthene	19.291	202	17715	0.309	ng		99
30) Pyrene	19.653	202	17967	0.396	ng		99
32) Benzo(a)anthracene	21.404	228	10050	0.358	ng		99
33) Chrysene	21.449	228	14373	0.380	ng		98
34) Bis(2-ethylhexyl)phtha...	21.324	149	6744	0.362	ng		100
36) Indeno(1,2,3-cd)pyrene	26.232	276	11282	0.374	ng		93
37) Benzo(b)fluoranthene	23.065	252	10162	0.333	ng		94
38) Benzo(k)fluoranthene	23.112	252	15243m	0.364	ng		
39) Benzo(a)pyrene	23.682	252	10197	0.367	ng	#	85
40) Dibenzo(a,h)anthracene	26.258	278	8836	0.376	ng		91
41) Benzo(g,h,i)perylene	26.980	276	13018	0.439	ng		98

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

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