Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032222\
Data File : BN019124.D
Acq On : 24 Mar 2022 12:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Quant Time: Mar 24 14:33:32 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	4031	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	10790	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	6231	0.400	ng		-0.01
19) Phenanthrene-d10	17.225	188	12665	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9281	0.400	ng		# 0.00
35) Perylene-d12	23.787	264	7614	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3280	0.363	ng		0.00
5) Phenol-d6	7.009	99	3184	0.336	ng		0.00
8) Nitrobenzene-d5	9.003	82	2493	0.320	ng		-0.01
11) 2-Methylnaphthalene-d10	12.246	152	6374	0.356	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	778	0.259	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	9911	0.397	ng		-0.01
27) Fluoranthene-d10	19.261	212	14534	0.387	ng		0.00
31) Terphenyl-d14	19.860	244	8253	0.362	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2134	0.428	ng		96
3) n-Nitrosodimethylamine	3.579	42	1785	0.307	ng		97
6) bis(2-Chloroethyl)ether	7.269	93	4250	0.377	ng		97
9) Naphthalene	10.701	128	12226	0.398	ng		99
10) Hexachlorobutadiene	11.000	225	2859	0.381	ng	#	100
12) 2-Methylnaphthalene	12.321	142	7560	0.362	ng		99
16) Acenaphthylene	14.206	152	10202	0.353	ng		100
17) Acenaphthene	14.549	154	7718	0.380	ng		99
18) Fluorene	15.532	166	9630	0.377	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	443	0.295	ng	#	63
21) 4-Bromophenyl-phenylether	16.425	248	3061	0.383	ng		97
22) Hexachlorobenzene	16.548	284	4285	0.416	ng		99
23) Atrazine	16.682	200	1784	0.299	ng		96
24) Pentachlorophenol	16.897	266	512	0.162	ng		96
25) Phenanthrene	17.266	178	15129	0.382	ng		100
26) Anthracene	17.359	178	11217	0.335	ng		99
28) Fluoranthene	19.291	202	18090	0.389	ng		100
30) Pyrene	19.653	202	18567	0.402	ng		100
32) Benzo(a)anthracene	21.404	228	9814	0.343	ng		99
33) Chrysene	21.458	228	15322	0.397	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	6255	0.330	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.234	276	12002m	0.437	ng		
37) Benzo(b)fluoranthene	23.065	252	10285	0.370	ng		95
38) Benzo(k)fluoranthene	23.109	252	15229m	0.400	ng		
39) Benzo(a)pyrene	23.685	252	8969	0.355	ng	#	82
40) Dibenzo(a,h)anthracene	26.264	278	8966m	0.419	ng		
41) Benzo(g,h,i)perylene	26.986	276	11861	0.440	ng		98

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

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