Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032122\
Data File : BN019018.D
Acq On : 21 Mar 2022 11:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

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

Quant Time: Mar 22 02:10:06 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	7.847	152	5986	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	16401	0.400	ng		0.00
13) Acenaphthene-d10	14.484	164	9740	0.400	ng		-0.01
19) Phenanthrene-d10	17.236	188	19574	0.400	ng		# 0.00
29) Chrysene-d12	21.422	240	13030	0.400	ng		# 0.00
35) Perylene-d12	23.796	264	9151	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.399	112	4758	0.355	ng		0.00
5) Phenol-d6	7.002	99	4654	0.331	ng		0.00
8) Nitrobenzene-d5	9.003	82	3861	0.326	ng		-0.01
11) 2-Methylnaphthalene-d10	12.250	152	10082	0.371	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	1276	0.272	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	15324	0.392	ng		-0.01
27) Fluoranthene-d10	19.265	212	21150	0.364	ng		0.00
31) Terphenyl-d14	19.864	244	12141	0.379	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	2955	0.399	ng		96
3) n-Nitrosodimethylamine	3.572	42	3028	0.351	ng		98
6) bis(2-Chloroethyl)ether	7.262	93	6550	0.391	ng		98
9) Naphthalene	10.701	128	18206	0.390	ng		100
10) Hexachlorobutadiene	11.000	225	4324	0.379	ng	#	99
12) 2-Methylnaphthalene	12.321	142	11772	0.371	ng		100
16) Acenaphthylene	14.206	152	15523	0.343	ng		99
17) Acenaphthene	14.549	154	11888	0.375	ng		99
18) Fluorene	15.532	166	14749	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	698	0.299	ng	#	82
21) 4-Bromophenyl-phenylether	16.425	248	4590	0.372	ng	#	92
22) Hexachlorobenzene	16.549	284	6209	0.390	ng		99
23) Atrazine	16.682	200	2647	0.287	ng		97
24) Pentachlorophenol	16.887	266	1105	0.226	ng		99
25) Phenanthrene	17.277	178	23140	0.378	ng		100
26) Anthracene	17.369	178	17585	0.340	ng		100
28) Fluoranthene	19.295	202	26432	0.368	ng		99
30) Pyrene	19.657	202	26558	0.409	ng		100
32) Benzo(a)anthracene	21.404	228	13332	0.332	ng		99
33) Chrysene	21.458	228	21815	0.403	ng		99
34) Bis(2-ethylhexyl)phtha...	21.333	149	8531	0.320	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.249	276	12520m	0.379	ng		
37) Benzo(b)fluoranthene	23.074	252	12352	0.370	ng		97
38) Benzo(k)fluoranthene	23.118	252	18956m	0.414	ng		
39) Benzo(a)pyrene	23.694	252	11331	0.373	ng	#	91
40) Dibenzo(a,h)anthracene	26.281	278	8465	0.329	ng	#	86
41) Benzo(g,h,i)perylene	26.995	276	12576	0.388	ng		97

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

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