Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
Data File : BN019145.D
Acq On : 25 Mar 2022 03:43
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 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

Quant Time: Mar 25 04:30:28 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	4399	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	11629	0.400	ng		0.00
13) Acenaphthene-d10	14.485	164	6840	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	14182	0.400	ng		-0.01
29) Chrysene-d12	21.413	240	10433	0.400	ng		# 0.00
35) Perylene-d12	23.782	264	8876	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3685	0.374	ng		0.00
5) Phenol-d6	7.009	99	3626	0.351	ng		0.00
8) Nitrobenzene-d5	9.003	82	2684	0.320	ng		-0.01
11) 2-Methylnaphthalene-d10	12.246	152	7003	0.363	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	927	0.281	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	10771	0.393	ng		-0.01
27) Fluoranthene-d10	19.261	212	16461	0.391	ng		0.00
31) Terphenyl-d14	19.856	244	9335	0.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2252	0.414	ng		96
3) n-Nitrosodimethylamine	3.579	42	1990	0.314	ng	#	98
6) bis(2-Chloroethyl)ether	7.269	93	4575	0.372	ng		96
9) Naphthalene	10.701	128	13037	0.394	ng		99
10) Hexachlorobutadiene	11.000	225	3059	0.378	ng	#	100
12) 2-Methylnaphthalene	12.321	142	8303	0.369	ng		99
16) Acenaphthylene	14.207	152	11161	0.352	ng		99
17) Acenaphthene	14.549	154	8475	0.381	ng		98
18) Fluorene	15.532	166	10658	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	506	0.299	ng	#	67
21) 4-Bromophenyl-phenylether	16.426	248	3404	0.381	ng		97
22) Hexachlorobenzene	16.538	284	4667	0.405	ng		98
23) Atrazine	16.682	200	2014	0.301	ng		98
24) Pentachlorophenol	16.887	266	705	0.199	ng		99
25) Phenanthrene	17.267	178	17042	0.384	ng		100
26) Anthracene	17.359	178	12763	0.341	ng		99
28) Fluoranthene	19.291	202	20425	0.392	ng		100
30) Pyrene	19.653	202	20637	0.397	ng		99
32) Benzo(a)anthracene	21.404	228	11804	0.367	ng		100
33) Chrysene	21.449	228	17268	0.398	ng		99
34) Bis(2-ethylhexyl)phtha...	21.324	149	7014	0.329	ng		100
36) Indeno(1,2,3-cd)pyrene	26.238	276	13898m	0.434	ng		
37) Benzo(b)fluoranthene	23.062	252	11924m	0.368	ng		
38) Benzo(k)fluoranthene	23.112	252	16940	0.382	ng		96
39) Benzo(a)pyrene	23.688	252	11819	0.401	ng	#	82
40) Dibenzo(a,h)anthracene	26.258	278	10581m	0.424	ng		
41) Benzo(g,h,i)perylene	26.983	276	14253	0.453	ng		97

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

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