Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031122\
Data File : BN018921.D
Acq On : 11 Mar 2022 02:11
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/11/2022
Supervised By :Jagrut Upadhyay 03/11/2022

Quant Time: Mar 11 03:06:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 11 03:02:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	4935	0.400	ng	0.00
7) Naphthalene-d8	10.712	136	14742	0.400	ng	0.00
13) Acenaphthene-d10	14.538	164	8699	0.400	ng	0.00
19) Phenanthrene-d10	17.277	188	19010	0.400	ng	# 0.00
29) Chrysene-d12	21.449	240	18432	0.400	ng	# 0.00
35) Perylene-d12	23.840	264	15335	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	5571	0.516	ng	0.00
5) Phenol-d6	7.060	99	7429	0.574	ng	0.00
8) Nitrobenzene-d5	9.057	82	4983	0.464	ng	0.00
11) 2-Methylnaphthalene-d10	12.299	152	9638	0.401	ng	0.00
14) 2,4,6-Tribromophenol	16.025	330	1898	0.473	ng	0.00
15) 2-Fluorobiphenyl	13.169	172	14493	0.389	ng	0.00
27) Fluoranthene-d10	19.303	212	24376	0.436	ng	0.00
31) Terphenyl-d14	19.893	244	14644	0.372	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.312	88	1796	0.326	ng	# 95
3) n-Nitrosodimethylamine	3.629	42	2401	0.412	ng	# 95
6) bis(2-Chloroethyl)ether	7.320	93	5973	0.427	ng	100
9) Naphthalene	10.754	128	16926	0.401	ng	99
10) Hexachlorobutadiene	11.053	225	3904	0.406	ng	# 99
12) 2-Methylnaphthalene	12.370	142	11403	0.387	ng	99
16) Acenaphthylene	14.260	152	16955m	0.427	ng	
17) Acenaphthene	14.602	154	11131	0.395	ng	98
18) Fluorene	15.586	166	14395	0.393	ng	99
20) 4,6-Dinitro-2-methylph...	15.660	198	552	0.265	ng	# 80
21) 4-Bromophenyl-phenylether	16.466	248	4696	0.371	ng	# 92
22) Hexachlorobenzene	16.590	284	5951	0.377	ng	98
23) Atrazine	16.723	200	3322	0.444	ng	98
24) Pentachlorophenol	16.928	266	1883	0.550	ng	98
25) Phenanthrene	17.318	178	24918	0.395	ng	100
26) Anthracene	17.410	178	22468	0.423	ng	100
28) Fluoranthene	19.333	202	30687	0.428	ng	99
30) Pyrene	19.695	202	32239	0.392	ng	100
32) Benzo(a)anthracene	21.431	228	30982	0.448	ng	99
33) Chrysene	21.485	228	30156	0.396	ng	99
34) Bis(2-ethylhexyl)phtha...	21.360	149	19846	0.464	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.319	276	25163	0.365	ng	97
37) Benzo(b)fluoranthene	23.112	252	26169	0.367	ng	98
38) Benzo(k)fluoranthene	23.159	252	26362	0.374	ng	98
39) Benzo(a)pyrene	23.735	252	21293	0.388	ng	98
40) Dibenzo(a,h)anthracene	26.334	278	19750	0.374	ng	97
41) Benzo(g,h,i)perylene	27.074	276	20491	0.361	ng	98

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

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