Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011422\
Data File : BN018405.D
Acq On : 14 Jan 2022 15:34
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/17/2022
Supervised By :Jagrut Upadhyay 01/17/2022

Quant Time: Jan 14 16:49:52 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN010722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 12:12:13 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	22825	0.400	ng	-0.02
7) Naphthalene-d8	10.381	136	104921	0.400	ng	-0.03
13) Acenaphthene-d10	14.243	164	53275	0.400	ng	-0.01
19) Phenanthrene-d10	16.981	188	96638	0.400	ng	-0.01
29) Chrysene-d12	21.185	240	83963	0.400	ng	# 0.00
35) Perylene-d12	23.409	264	73870	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.208	112	22414	0.399	ng	-0.03
5) Phenol-d6	6.785	99	22113	0.393	ng	-0.03
8) Nitrobenzene-d5	8.746	82	24817	0.435	ng	-0.03
11) 2-Methylnaphthalene-d10	11.976	152	65919	0.402	ng	-0.02
14) 2,4,6-Tribromophenol	15.740	330	7766	0.461	ng	-0.01
15) 2-Fluorobiphenyl	12.860	172	77430	0.403	ng	-0.03
27) Fluoranthene-d10	19.023	212	111111	0.403	ng	0.00
31) Terphenyl-d14	19.634	244	73884	0.407	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.143	88	3395m	0.264	ng	
3) n-Nitrosodimethylamine	3.502	42	9418	0.458	ng	# 87
6) bis(2-Chloroethyl)ether	7.034	93	25000	0.410	ng	100
9) Naphthalene	10.432	128	105101	0.394	ng	100
10) Hexachlorobutadiene	10.723	225	20753	0.419	ng	# 100
12) 2-Methylnaphthalene	12.052	142	66784	0.409	ng	99
16) Acenaphthylene	13.951	152	80734	0.382	ng	100
17) Acenaphthene	14.294	154	58072	0.393	ng	100
18) Fluorene	15.284	166	68143	0.411	ng	99
20) 4,6-Dinitro-2-methylph...	15.398	198	1493	0.398	ng	96
21) 4-Bromophenyl-phenylether	16.190	248	20487	0.386	ng	# 85
22) Hexachlorobenzene	16.299	284	27338	0.387	ng	# 91
23) Atrazine	16.458	200	12819	0.375	ng	# 91
24) Pentachlorophenol	16.652	266	6144	0.544	ng	99
25) Phenanthrene	17.017	178	107088	0.394	ng	100
26) Anthracene	17.115	178	86191	0.384	ng	100
28) Fluoranthene	19.053	202	120154	0.417	ng	# 96
30) Pyrene	19.415	202	120732	0.406	ng	99
32) Benzo(a)anthracene	21.164	228	93376	0.377	ng	97
33) Chrysene	21.217	228	112439	0.400	ng	100
34) Bis(2-ethylhexyl)phtha...	21.121	149	49681	0.434	ng	# 95
36) Indeno(1,2,3-cd)pyrene	25.668	276	76316	0.325	ng	# 91
37) Benzo(b)fluoranthene	22.742	252	97476	0.407	ng	# 97
38) Benzo(k)fluoranthene	22.783	252	95704	0.409	ng	# 97
39) Benzo(a)pyrene	23.313	252	82810	0.374	ng	# 96
40) Dibenzo(a,h)anthracene	25.685	278	54073	0.303	ng	# 94
41) Benzo(g,h,i)perylene	26.353	276	74018	0.345	ng	# 91

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

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