Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015296.D
Acq On : 02 Jul 2021 15:06
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
7/6/2021 10:02:50 AM

Quant Time: Jul 02 15:37:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	19675	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	86943	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	45397	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	83993	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	62090	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	45899	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	22536	0.45	ng	0.00
5) Phenol-d6	6.905	99	27368	0.43	ng	0.00
8) Nitrobenzene-d5	8.860	82	21914	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	55665	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4803	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	70959	0.38	ng	0.00
27) Fluoranthene-d10	19.127	212	92394	0.37	ng	0.00
31) Terphenyl-d14	19.733	244	64766	0.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	3331m	0.36	ng	
3) n-Nitrosodimethylamine	3.696	42	6473	0.37	ng	# 77
6) bis(2-Chloroethyl)ether	7.163	93	25383	0.41	ng	# 85
9) Naphthalene	10.546	128	97819	0.39	ng	97
10) Hexachlorobutadiene	10.837	225	18410	0.39	ng	# 98
12) 2-Methylnaphthalene	12.158	142	63918	0.40	ng	# 89
16) Acenaphthylene	14.053	152	76669	0.38	ng	98
17) Acenaphthene	14.408	154	54252	0.38	ng	99
18) Fluorene	15.398	166	65620	0.38	ng	98
20) 4,6-Dinitro-2-methylph...	15.474	198	229	0.34	ng	97
21) 4-Bromophenyl-phenylether	16.287	248	20242	0.38	ng	89
22) Hexachlorobenzene	16.397	284	23108	0.38	ng	# 91
23) Atrazine	16.555	200	12529	0.44	ng	93
24) Pentachlorophenol	16.750	266	2587	0.49	ng	99
25) Phenanthrene	17.127	178	104404	0.39	ng	99
26) Anthracene	17.224	178	86749	0.37	ng	99
28) Fluoranthene	19.157	202	113279	0.39	ng	# 97
30) Pyrene	19.524	202	110366	0.47	ng	99
32) Benzo(a)anthracene	21.270	228	82410	0.39	ng	99
33) Chrysene	21.323	228	90652	0.39	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	36416	0.62	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.802	276	44995	0.27	ng	# 88
37) Benzo(b)fluoranthene	22.865	252	74558	0.41	ng	# 95
38) Benzo(k)fluoranthene	22.909	252	75807	0.39	ng	# 95
39) Benzo(a)pyrene	23.440	252	61330	0.37	ng	# 93
40) Dibenzo(a,h)anthracene	25.815	278	32555	0.25	ng	# 90
41) Benzo(g,h,i)perylene	26.486	276	45536	0.32	ng	# 89

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

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