Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015291.D
Acq On : 02 Jul 2021 11:21
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
7/6/2021 10:02:39 AM

Quant Time: Jul 02 12:07:42 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	19735	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	85558	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	43013	0.40	ng	0.00
19) Phenanthrene-d10	17.090	188	78959	0.40	ng	0.00
29) Chrysene-d12	21.291	240	58051	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	40678	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	21082	0.42	ng	0.00
5) Phenol-d6	6.905	99	25589	0.40	ng	0.00
8) Nitrobenzene-d5	8.860	82	25479	0.53	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	54215	0.38	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4526	0.46	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	68744	0.39	ng	0.00
27) Fluoranthene-d10	19.127	212	85230	0.37	ng	0.00
31) Terphenyl-d14	19.733	244	60360	0.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	3267m	0.35	ng	
3) n-Nitrosodimethylamine	3.696	42	6383	0.37	ng	# 78
6) bis(2-Chloroethyl)ether	7.163	93	25558	0.41	ng	# 85
9) Naphthalene	10.546	128	96540	0.39	ng	97
10) Hexachlorobutadiene	10.837	225	18591	0.40	ng	# 99
12) 2-Methylnaphthalene	12.158	142	62465	0.40	ng	# 88
16) Acenaphthylene	14.066	152	75367	0.40	ng	98
17) Acenaphthene	14.408	154	51597	0.39	ng	99
18) Fluorene	15.398	166	62448	0.38	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	308	0.40	ng	88
21) 4-Bromophenyl-phenylether	16.287	248	19485	0.39	ng	91
22) Hexachlorobenzene	16.397	284	22818	0.40	ng	# 91
23) Atrazine	16.555	200	11110	0.43	ng	94
24) Pentachlorophenol	16.750	266	2730	0.52	ng	98
25) Phenanthrene	17.127	178	99094	0.39	ng	99
26) Anthracene	17.224	178	81191	0.37	ng	99
28) Fluoranthene	19.157	202	105767	0.39	ng	# 97
30) Pyrene	19.525	202	102069	0.46	ng	99
32) Benzo(a)anthracene	21.280	228	72982	0.37	ng	96
33) Chrysene	21.323	228	85325	0.39	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	27985	0.54	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.805	276	39201	0.27	ng	# 88
37) Benzo(b)fluoranthene	22.865	252	65709	0.41	ng	# 96
38) Benzo(k)fluoranthene	22.909	252	69087	0.41	ng	# 94
39) Benzo(a)pyrene	23.440	252	50988	0.35	ng	# 94
40) Dibenzo(a,h)anthracene	25.819	278	28509	0.25	ng	# 92
41) Benzo(g,h,i)perylene	26.486	276	38727	0.31	ng	# 89

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

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