Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072921\
Data File : BN015713.D
Acq On : 29 Jul 2021 18:25
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 29 19:05:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 29 19:04:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	37300	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	167896	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	98000	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	192079	0.400	ng	0.00
29) Chrysene-d12	21.376	240	187562	0.400	ng	0.00
35) Perylene-d12	23.717	264	186430	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.383	112	39858	0.404	ng	0.00
5) Phenol-d6	6.960	99	50396	0.425	ng	0.00
8) Nitrobenzene-d5	8.936	82	40426	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.167	152	104311	0.407	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	13861	0.327	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	140759	0.364	ng	0.00
27) Fluoranthene-d10	19.212	212	212802	0.404	ng	0.00
31) Terphenyl-d14	19.817	244	175459	0.400	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	5851	0.516	ng	# 100
3) n-Nitrosodimethylamine	3.724	42	9080	0.319	ng	# 1
6) bis(2-Chloroethyl)ether	7.227	93	39898	0.375	ng	100
9) Naphthalene	10.622	128	170637	0.382	ng	100
10) Hexachlorobutadiene	10.926	225	33083	0.395	ng	# 100
12) 2-Methylnaphthalene	12.243	142	116974	0.398	ng	100
16) Acenaphthylene	14.142	152	171069	0.404	ng	100
17) Acenaphthene	14.484	154	106350	0.376	ng	100
18) Fluorene	15.474	166	134212	0.388	ng	100
20) 4,6-Dinitro-2-methylph...	15.550	198	4626	0.452	ng	100
21) 4-Bromophenyl-phenylether	16.372	248	43968	0.395	ng	100
22) Hexachlorobenzene	16.482	284	43058	0.352	ng	100
23) Atrazine	16.640	200	38696	0.459	ng	100
24) Pentachlorophenol	16.823	266	14286	0.329	ng	100
25) Phenanthrene	17.212	178	205302	0.362	ng	100
26) Anthracene	17.297	178	201142	0.404	ng	100
28) Fluoranthene	19.242	202	237451	0.376	ng	100
30) Pyrene	19.604	202	242988	0.372	ng	100
32) Benzo(a)anthracene	21.355	228	236793	0.373	ng	100
33) Chrysene	21.408	228	230281	0.364	ng	100
34) Bis(2-ethylhexyl)phtha...	21.302	149	127869	0.376	ng	100
36) Indeno(1,2,3-cd)pyrene	26.120	276	262311	0.368	ng	98
37) Benzo(b)fluoranthene	23.009	252	242795	0.374	ng	100
38) Benzo(k)fluoranthene	23.053	252	241445	0.364	ng	100
39) Benzo(a)pyrene	23.614	252	216851	0.372	ng	100
40) Dibenzo(a,h)anthracene	26.144	278	222580	0.382	ng	100
41) Benzo(g,h,i)perylene	26.853	276	220716	0.371	ng	100

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

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