Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
Data File : BN015573.D
Acq On : 15 Jul 2021 10:23
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Manual Integrations APPROVED
mohammad
7/16/2021 8:53:11 AM

Quant Time: Jul 15 12:20:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 12:19:46 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.808	152	13836	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	60787	0.400	ng	0.00
13) Acenaphthene-d10	14.421	164	30402	0.400	ng	-0.01
19) Phenanthrene-d10	17.176	188	55008	0.400	ng	# 0.00
29) Chrysene-d12	21.376	240	44820	0.400	ng	0.00
35) Perylene-d12	23.714	264	42562	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	4017	0.114	ng	0.00
5) Phenol-d6	6.969	99	4678	0.105	ng	0.00
8) Nitrobenzene-d5	8.949	82	3896	0.114	ng	0.00
11) 2-Methylnaphthalene-d10	12.176	152	10492	0.104	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	819	0.101	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	12891	0.104	ng	0.00
27) Fluoranthene-d10	19.212	212	16425	0.101	ng	0.00
31) Terphenyl-d14	19.812	244	11190	0.107	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	648m	0.100	ng	
3) n-Nitrosodimethylamine	3.714	42	1038	0.085	ng	# 79
6) bis(2-Chloroethyl)ether	7.237	93	4398	0.101	ng	# 85
9) Naphthalene	10.635	128	18909	0.108	ng	98
10) Hexachlorobutadiene	10.926	225	3384	0.103	ng	# 97
12) 2-Methylnaphthalene	12.252	142	11297	0.101	ng	# 90
16) Acenaphthylene	14.142	152	12506	0.093	ng	98
17) Acenaphthene	14.484	154	9521	0.101	ng	99
18) Fluorene	15.474	166	10924	0.095	ng	99
20) 4,6-Dinitro-2-methylph...	15.576	198	24m	0.023	ng	
21) 4-Bromophenyl-phenylether	16.372	248	3371	0.097	ng	94
22) Hexachlorobenzene	16.482	284	4099	0.103	ng	# 92
23) Atrazine	16.640	200	1947	0.096	ng	97
25) Phenanthrene	17.212	178	17948	0.101	ng	98
26) Anthracene	17.310	178	13521	0.089	ng	99
28) Fluoranthene	19.242	202	18055	0.095	ng	# 97
30) Pyrene	19.604	202	18114	0.106	ng	99
32) Benzo(a)anthracene	21.355	228	14184	0.092	ng	98
33) Chrysene	21.408	228	17686	0.106	ng	98
34) Bis(2-ethylhexyl)phtha...	21.291	149	5653	0.112	ng	# 88
36) Indeno(1,2,3-cd)pyrene	26.120	276	12375	0.081	ng	# 82
37) Benzo(b)fluoranthene	23.005	252	16314	0.098	ng	# 92
38) Benzo(k)fluoranthene	23.050	252	17099	0.096	ng	# 96
39) Benzo(a)pyrene	23.614	252	13470	0.088	ng	# 81
40) Dibenzo(a,h)anthracene	26.144	278	9365	0.078	ng	# 92
41) Benzo(g,h,i)perylene	26.859	276	10368	0.079	ng	# 89

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

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