Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073121\
Data File : BN015755.D
Acq On : 01 Aug 2021 04:25
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
8/2/2021 3:49:37 PM

Quant Time: Aug 02 04:04:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN073021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 31 04:53:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	40556	0.400	ng		0.00
7) Naphthalene-d8	10.571	136	179343	0.400	ng		# 0.00
13) Acenaphthene-d10	14.421	164	93757	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	176775	0.400	ng		# 0.00
29) Chrysene-d12	21.365	240	165041	0.400	ng		-0.01
35) Perylene-d12	23.707	264	164052	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.383	112	39051	0.359	ng		0.00
5) Phenol-d6	6.951	99	46421	0.352	ng		0.00
8) Nitrobenzene-d5	8.936	82	39196	0.348	ng		0.00
11) 2-Methylnaphthalene-d10	12.163	152	104538	0.387	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	11766	0.290	ng		-0.01
15) 2-Fluorobiphenyl	13.038	172	136503	0.380	ng		-0.01
27) Fluoranthene-d10	19.207	212	167488	0.360	ng		0.00
31) Terphenyl-d14	19.812	244	144554	0.360	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.345	88	5626m	0.404	ng		
3) n-Nitrosodimethylamine	3.714	42	9583	0.355	ng		99
6) bis(2-Chloroethyl)ether	7.218	93	43398	0.402	ng		100
9) Naphthalene	10.622	128	181801	0.389	ng		99
10) Hexachlorobutadiene	10.913	225	31983	0.389	ng	#	100
12) 2-Methylnaphthalene	12.234	142	118094	0.389	ng		100
16) Acenaphthylene	14.129	152	139268	0.338	ng		100
17) Acenaphthene	14.471	154	100488	0.375	ng		100
18) Fluorene	15.461	166	120524	0.369	ng		100
20) 4,6-Dinitro-2-methylph...	15.537	198	2947	0.299	ng		94
21) 4-Bromophenyl-phenylether	16.360	248	36891	0.357	ng	#	78
22) Hexachlorobenzene	16.470	284	43533	0.382	ng		99
23) Atrazine	16.628	200	28622	0.363	ng	#	93
24) Pentachlorophenol	16.823	266	19504	0.456	ng		99
25) Phenanthrene	17.200	178	191012	0.377	ng		100
26) Anthracene	17.297	178	156730	0.343	ng		100
28) Fluoranthene	19.236	202	202669	0.374	ng		100
30) Pyrene	19.599	202	199715	0.362	ng		100
32) Benzo(a)anthracene	21.355	228	183224	0.349	ng		98
33) Chrysene	21.397	228	201141	0.376	ng		99
34) Bis(2-ethylhexyl)phtha...	21.301	149	58306	0.334	ng		100
36) Indeno(1,2,3-cd)pyrene	26.103	276	218657	0.371	ng		100
37) Benzo(b)fluoranthene	22.998	252	202669	0.384	ng		99
38) Benzo(k)fluoranthene	23.046	252	215703	0.379	ng		99
39) Benzo(a)pyrene	23.604	252	170900	0.355	ng		99
40) Dibenzo(a,h)anthracene	26.123	278	185318	0.372	ng		100
41) Benzo(g,h,i)perylene	26.835	276	184162	0.358	ng		99

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

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