Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016302.D
Acq On : 17 Sep 2021 17:25
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Manual Integrations APPROVED
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Quant Time: Sep 17 18:08:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 17:56:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	23100	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	105036	0.400	ng	#	0.00
13) Acenaphthene-d10	14.307	164	58420	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	110049	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	106765	0.400	ng	#	0.00
35) Perylene-d12	23.525	264	107357	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	23664	0.402	ng		0.00
5) Phenol-d6	6.868	99	28739	0.390	ng		0.00
8) Nitrobenzene-d5	8.835	82	22764	0.270	ng		0.00
11) 2-Methylnaphthalene-d10	12.052	152	66615	0.406	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	6197	0.259	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	90692	0.396	ng		0.00
27) Fluoranthene-d10	19.103	212	127095	0.393	ng		0.00
31) Terphenyl-d14	19.713	244	106587	0.398	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.309	88	4301	0.525	ng	#	62
3) n-Nitrosodimethylamine	3.622	42	9097m	0.535	ng		
6) bis(2-Chloroethyl)ether	7.135	93	25580	0.421	ng		94
9) Naphthalene	10.508	128	113979	0.406	ng		99
10) Hexachlorobutadiene	10.799	225	21522	0.376	ng	#	99
12) 2-Methylnaphthalene	12.127	142	76345	0.404	ng		99
16) Acenaphthylene	14.028	152	108421	0.415	ng		99
17) Acenaphthene	14.370	154	67219	0.396	ng		100
18) Fluorene	15.360	166	83514	0.398	ng		99
20) 4,6-Dinitro-2-methylph...	15.449	198	1123	0.185	ng	#	82
21) 4-Bromophenyl-phenylether	16.263	248	25780	0.438	ng	#	86
22) Hexachlorobenzene	16.372	284	24637	0.349	ng	#	91
23) Atrazine	16.543	200	22355	0.413	ng		97
24) Pentachlorophenol	16.713	266	6724	0.539	ng		98
25) Phenanthrene	17.103	178	125129	0.392	ng		99
26) Anthracene	17.188	178	121800	0.414	ng		99
28) Fluoranthene	19.132	202	144834	0.386	ng		99
30) Pyrene	19.495	202	149100	0.412	ng		99
32) Benzo(a)anthracene	21.249	228	147944	0.444	ng		100
33) Chrysene	21.302	228	142327	0.431	ng		99
34) Bis(2-ethylhexyl)phtha...	21.206	149	71868	0.351	ng		99
36) Indeno(1,2,3-cd)pyrene	25.822	276	145014	0.812	ng		99
37) Benzo(b)fluoranthene	22.841	252	149434	0.361	ng		100
38) Benzo(k)fluoranthene	22.885	252	141069	0.382	ng		98
39) Benzo(a)pyrene	23.423	252	132173	0.429	ng		99
40) Dibenzo(a,h)anthracene	25.846	278	123210	0.902	ng		97
41) Benzo(g,h,i)perylene	26.524	276	121819	0.821	ng		97

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

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