Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016193.D
Acq On : 04 Sep 2021 14:25
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 06 01:28:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 01:25:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	15062	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	69765	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	41039	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	82656	0.400	ng	0.00
29) Chrysene-d12	21.440	240	85190	0.400	ng	# 0.01
35) Perylene-d12	23.827	264	92370	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.457	112	184200	5.109	ng	0.00
5) Phenol-d6	7.034	99	239302	4.758	ng	0.00
8) Nitrobenzene-d5	9.025	82	262817	5.730	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	526977	5.009	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	100729	8.648	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	702083	4.249	ng	0.00
27) Fluoranthene-d10	19.281	212	1181412	5.068	ng	0.00
31) Terphenyl-d14	19.872	244	985932	4.717	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	19465	2.354	ng	# 65
3) n-Nitrosodimethylamine	3.724	42	60359	4.647	ng	98
6) bis(2-Chloroethyl)ether	7.292	93	177027	4.209	ng	99
9) Naphthalene	10.711	128	849829	4.632	ng	100
10) Hexachlorobutadiene	11.002	225	174792	4.290	ng	# 100
12) 2-Methylnaphthalene	12.327	142	569266	4.862	ng	98
16) Acenaphthylene	14.218	152	886176	5.872	ng	100
17) Acenaphthene	14.561	154	566173	4.901	ng	96
18) Fluorene	15.550	166	690632	4.999	ng	99
20) 4,6-Dinitro-2-methylph...	15.626	198	76805	13.963	ng	# 47
21) 4-Bromophenyl-phenylether	16.434	248	212138	5.111	ng	98
22) Hexachlorobenzene	16.555	284	240948	4.134	ng	99
23) Atrazine	16.701	200	220119	8.668	ng	98
24) Pentachlorophenol	16.896	266	113411	7.412	ng	98
25) Phenanthrene	17.285	178	1090107	4.637	ng	100
26) Anthracene	17.383	178	1063058	5.519	ng	100
28) Fluoranthene	19.311	202	1242334	4.761	ng	100
30) Pyrene	19.674	202	1312097	5.179	ng	100
32) Benzo(a)anthracene	21.419	228	1370131	5.296	ng	99
33) Chrysene	21.472	228	1327154	4.848	ng	100
34) Bis(2-ethylhexyl)phtha...	21.344	149	925929	13.422	ng	99
36) Indeno(1,2,3-cd)pyrene	26.312	276	1423326	4.069	ng	100
37) Benzo(b)fluoranthene	23.101	252	1426540	4.316	ng	# 96
38) Benzo(k)fluoranthene	23.146	252	1304537	4.238	ng	97
39) Benzo(a)pyrene	23.724	252	1297830	4.552	ng	# 94
40) Dibenzo(a,h)anthracene	26.329	278	1198424	4.143	ng	96
41) Benzo(g,h,i)perylene	27.075	276	1225001	4.100	ng	97

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

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