Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017230.D
Acq On : 02 Nov 2021 03:06
Operator : CG/JU
Sample : PB140277BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB140277BS

Quant Time: Nov 02 04:16:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 17:00:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	34523	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	153935	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	79474	0.400	ng	0.00
19) Phenanthrene-d10	16.934	188	149939	0.400	ng	#-0.01
29) Chrysene-d12	21.144	240	143626	0.400	ng	#-0.01
35) Perylene-d12	23.352	264	142095	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	25553	0.305	ng	0.00
5) Phenol-d6	6.740	99	27536	0.302	ng	0.00
8) Nitrobenzene-d5	8.697	82	30058	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	73975	0.341	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	8243	0.298	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	104705	0.351	ng	0.00
27) Fluoranthene-d10	18.980	212	126215	0.331	ng	0.00
31) Terphenyl-d14	19.595	244	108320	0.345	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.153	88	8010	0.326	ng	# 69
3) n-Nitrosodimethylamine	3.485	42	10566	0.325	ng	# 99
6) bis(2-Chloroethyl)ether	6.998	93	32187	0.343	ng	100
9) Naphthalene	10.370	128	138226	0.333	ng	100
10) Hexachlorobutadiene	10.662	225	26062	0.345	ng	# 100
12) 2-Methylnaphthalene	11.991	142	88336	0.346	ng	100
16) Acenaphthylene	13.902	152	108897	0.334	ng	100
17) Acenaphthene	14.257	154	76615	0.350	ng	100
18) Fluorene	15.247	166	90641	0.350	ng	100
20) 4,6-Dinitro-2-methylph...	15.336	198	2403	0.304	ng	100
21) 4-Bromophenyl-phenylether	16.143	248	27736	0.330	ng	94
22) Hexachlorobenzene	16.252	284	31245	0.346	ng	99
23) Atrazine	16.423	200	17721	0.311	ng	98
24) Pentachlorophenol	16.605	266	6498	0.354	ng	99
25) Phenanthrene	16.982	178	145490	0.346	ng	100
26) Anthracene	17.068	178	117135	0.324	ng	100
28) Fluoranthene	19.010	202	159865	0.347	ng	100
30) Pyrene	19.377	202	161038	0.351	ng	100
32) Benzo(a)anthracene	21.133	228	143151	0.321	ng	99
33) Chrysene	21.186	228	163804	0.360	ng	99
34) Bis(2-ethylhexyl)phtha...	21.091	149	54014	0.354	ng	100
36) Indeno(1,2,3-cd)pyrene	25.564	276	169133	0.338	ng	99
37) Benzo(b)fluoranthene	22.692	252	153340	0.336	ng	100
38) Benzo(k)fluoranthene	22.733	252	159570	0.352	ng	98
39) Benzo(a)pyrene	23.253	252	137304	0.333	ng	100
40) Dibenzo(a,h)anthracene	25.584	278	135254	0.334	ng	99
41) Benzo(g,h,i)perylene	26.238	276	143937	0.327	ng	100

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

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