Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
Data File : BN022009.D
Acq On : 04 Oct 2022 16:51
Operator : CG/JU
Sample : PB148092BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148092BS

Quant Time: Oct 04 23:05:20 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 01:32:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.986	152	3877	0.400	ng	0.00
7) Naphthalene-d8	10.816	136	11672	0.400	ng	0.00
13) Acenaphthene-d10	14.653	164	6139	0.400	ng	0.00
19) Phenanthrene-d10	17.400	188	12801	0.400	ng	#-0.01
29) Chrysene-d12	21.609	240	10594	0.400	ng	0.00
35) Perylene-d12	24.090	264	8325	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.508	112	3433	0.382	ng	0.00
5) Phenol-d6	7.141	99	4372	0.375	ng	0.00
8) Nitrobenzene-d5	9.161	82	3480	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.410	152	8067	0.376	ng	0.00
14) 2,4,6-Tribromophenol	16.146	330	897	0.383	ng	0.00
15) 2-Fluorobiphenyl	13.274	172	10115	0.377	ng	-0.01
27) Fluoranthene-d10	19.441	212	12518	0.368	ng	0.00
31) Terphenyl-d14	20.033	244	6293	0.295	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	1843	0.367	ng	97
3) n-Nitrosodimethylamine	3.667	42	1993	0.365	ng	# 99
6) bis(2-Chloroethyl)ether	7.408	93	4495	0.365	ng	100
9) Naphthalene	10.859	128	13169	0.374	ng	99
10) Hexachlorobutadiene	11.147	225	2296	0.376	ng	# 98
12) 2-Methylnaphthalene	12.119	142	2091	0.400	ng	97
16) Acenaphthylene	14.375	152	10338	0.354	ng	99
17) Acenaphthene	14.717	154	7629	0.371	ng	100
18) Fluorene	15.701	166	9230	0.373	ng	99
20) 4,6-Dinitro-2-methylph...	15.786	198	560	0.415	ng	84
21) 4-Bromophenyl-phenylether	16.593	248	2834	0.363	ng	94
22) Hexachlorobenzene	16.705	284	3504	0.361	ng	100
23) Atrazine	16.866	200	2006	0.347	ng	98
24) Pentachlorophenol	17.052	266	1095	0.368	ng	99
25) Phenanthrene	17.449	178	16094	0.366	ng	100
26) Anthracene	17.536	178	12276	0.347	ng	100
28) Fluoranthene	19.470	202	17144	0.364	ng	99
30) Pyrene	19.837	202	17420	0.374	ng	100
32) Benzo(a)anthracene	21.591	228	14513	0.364	ng	99
33) Chrysene	21.645	228	16735	0.379	ng	100
34) Bis(2-ethylhexyl)phtha...	21.501	149	6980	0.365	ng	100
36) Indeno(1,2,3-cd)pyrene	26.689	276	14507	0.345	ng	100
37) Benzo(b)fluoranthene	23.324	252	14394	0.365	ng	99
38) Benzo(k)fluoranthene	23.374	252	14204	0.362	ng	100
39) Benzo(a)pyrene	23.973	252	10731	0.357	ng	99
40) Dibenzo(a,h)anthracene	26.716	278	11565	0.345	ng	99
41) Benzo(g,h,i)perylene	27.493	276	12459	0.344	ng	100

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

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