Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060424\
Data File : BN031773.D
Acq On : 04 Jun 2024 12:45
Operator : MA/JU
Sample : PB161286BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB161286BS

Quant Time: Jun 04 13:16:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.682	152	16180	0.400	ng	-0.04
7) Naphthalene-d8	10.464	136	59322	0.400	ng	#-0.03
13) Acenaphthene-d10	14.317	164	32452	0.400	ng	-0.03
19) Phenanthrene-d10	17.066	188	59428	0.400	ng	-0.02
29) Chrysene-d12	21.265	240	35593	0.400	ng	# 0.00
35) Perylene-d12	23.496	264	36979	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.277	112	16486	0.359	ng	-0.02
5) Phenol-d6	6.852	99	23399	0.378	ng	-0.02
8) Nitrobenzene-d5	8.830	82	16831	0.395	ng	-0.03
11) 2-Methylnaphthalene-d10	12.058	152	31974	0.334	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	3245	0.263	ng	-0.02
15) 2-Fluorobiphenyl	12.938	172	44831	0.358	ng	-0.04
27) Fluoranthene-d10	19.100	212	43484	0.264	ng	-0.02
31) Terphenyl-d14	19.704	244	31733	0.364	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	8223	0.413	ng	# 82
3) n-Nitrosodimethylamine	3.537	42	5883	0.299	ng	# 92
6) bis(2-Chloroethyl)ether	7.112	93	18829	0.349	ng	97
9) Naphthalene	10.517	128	56546	0.343	ng	95
10) Hexachlorobutadiene	10.795	225	8646	0.299	ng	# 100
12) 2-Methylnaphthalene	12.130	142	37145	0.330	ng	98
16) Acenaphthylene	14.039	152	51032	0.313	ng	100
17) Acenaphthene	14.381	154	33055	0.325	ng	98
18) Fluorene	15.375	166	41346	0.310	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	466	0.096	ng	# 58
21) 4-Bromophenyl-phenylether	16.259	248	12267	0.352	ng	# 84
22) Hexachlorobenzene	16.371	284	12535	0.357	ng	99
23) Atrazine	16.532	200	9137	0.289	ng	# 92
24) Pentachlorophenol	16.718	266	3405	0.275	ng	98
25) Phenanthrene	17.103	178	56432	0.339	ng	100
26) Anthracene	17.202	178	50102	0.304	ng	99
28) Fluoranthene	19.133	202	53600	0.265	ng	99
30) Pyrene	19.495	202	54212	0.376	ng	100
32) Benzo(a)anthracene	21.247	228	44526	0.324	ng	99
33) Chrysene	21.292	228	42527	0.325	ng	99
34) Bis(2-ethylhexyl)phtha...	21.184	149	32175	0.400	ng	100
36) Indeno(1,2,3-cd)pyrene	25.756	276	50393	0.342	ng	99
37) Benzo(b)fluoranthene	22.823	252	45598	0.344	ng	# 90
38) Benzo(k)fluoranthene	22.867	252	42835	0.341	ng	# 92
39) Benzo(a)pyrene	23.399	252	39084	0.339	ng	# 83
40) Dibenzo(a,h)anthracene	25.770	278	40030	0.343	ng	97
41) Benzo(g,h,i)perylene	26.449	276	43335	0.345	ng	97

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

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