Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050824\
Data File : BN031436.D
Acq On : 08 May 2024 12:48
Operator : MA/JU
Sample : PB160696BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160696BSD

Quant Time: May 08 13:30:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 07 17:14:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.567	152	5549	0.400	ng		0.00
7) Naphthalene-d8	10.336	136	16878	0.400	ng		0.00
13) Acenaphthene-d10	14.210	164	6731	0.400	ng		0.00
19) Phenanthrene-d10	16.967	188	21876	0.400	ng		0.00
29) Chrysene-d12	21.175	240	18645	0.400	ng		0.00
35) Perylene-d12	23.358	264	18937	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.162	112	4680	0.360	ng		0.00
5) Phenol-d6	6.743	99	5457	0.354	ng		0.00
8) Nitrobenzene-d5	8.713	82	4458	0.301	ng		0.00
11) 2-Methylnaphthalene-d10	11.937	152	7406	0.412	ng		0.00
14) 2,4,6-Tribromophenol	15.713	330	1354	0.405	ng		0.00
15) 2-Fluorobiphenyl	12.831	172	8165	0.328	ng		0.00
27) Fluoranthene-d10	19.007	212	21466	0.363	ng		0.00
31) Terphenyl-d14	19.616	244	16828	0.356	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.103	88	2429	0.367	ng		97
3) n-Nitrosodimethylamine	3.421	42	2454	0.371	ng	#	93
6) bis(2-Chloroethyl)ether	7.003	93	5142	0.356	ng		97
9) Naphthalene	10.389	128	17655	0.374	ng		98
10) Hexachlorobutadiene	10.667	225	3745	0.380	ng	#	99
12) 2-Methylnaphthalene	12.013	142	9144	0.432	ng		97
16) Acenaphthylene	13.932	152	9348	0.317	ng		99
17) Acenaphthene	14.274	154	9071	0.448	ng		99
18) Fluorene	15.268	166	14966	0.571	ng		100
20) 4,6-Dinitro-2-methylph...	15.365	198	942	0.306	ng		86
21) 4-Bromophenyl-phenylether	16.160	248	4707	0.373	ng		94
22) Hexachlorobenzene	16.271	284	5587	0.386	ng		99
23) Atrazine	16.445	200	3396	0.343	ng		97
24) Pentachlorophenol	16.619	266	1646	0.358	ng		98
25) Phenanthrene	17.004	178	23524	0.375	ng		100
26) Anthracene	17.103	178	18365	0.348	ng		99
28) Fluoranthene	19.035	202	27490	0.359	ng		100
30) Pyrene	19.402	202	27914	0.433	ng		100
32) Benzo(a)anthracene	21.157	228	23220	0.361	ng		99
33) Chrysene	21.211	228	26464	0.395	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	11282	0.332	ng	#	96
36) Indeno(1,2,3-cd)pyrene	25.539	276	18364	0.240	ng		97
37) Benzo(b)fluoranthene	22.703	252	28487	0.383	ng		99
38) Benzo(k)fluoranthene	22.747	252	27964	0.384	ng		99
39) Benzo(a)pyrene	23.262	252	23553	0.378	ng		96
40) Dibenzo(a,h)anthracene	25.557	278	14740	0.244	ng		97
41) Benzo(g,h,i)perylene	26.209	276	16527	0.270	ng		98

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

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