Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030724\
Data File : BN030326.D
Acq On : 07 Mar 2024 14:55
Operator : MA/JU
Sample : PB159312BSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159312BSD

Quant Time: Mar 07 15:24:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	2527	0.400	ng	0.00
7) Naphthalene-d8	10.594	136	6750	0.400	ng	#-0.01
13) Acenaphthene-d10	14.458	164	3325	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	6064	0.400	ng	# 0.00
29) Chrysene-d12	21.438	240	4102	0.400	ng	0.00
35) Perylene-d12	23.797	264	4808	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	2447	0.369	ng	0.00
5) Phenol-d6	6.973	99	2613	0.374	ng	0.00
8) Nitrobenzene-d5	8.971	82	1878	0.305	ng	0.00
11) 2-Methylnaphthalene-d10	12.193	152	4456	0.455	ng	-0.01
14) 2,4,6-Tribromophenol	15.964	330	528	0.309	ng	0.00
15) 2-Fluorobiphenyl	13.078	172	4907	0.355	ng	-0.01
27) Fluoranthene-d10	19.262	212	4592	0.276	ng	0.00
31) Terphenyl-d14	19.875	244	3593	0.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	979	0.299	ng	# 44
3) n-Nitrosodimethylamine	3.651	42	941	0.272	ng	# 93
6) bis(2-Chloroethyl)ether	7.248	93	1785	0.323	ng	98
9) Naphthalene	10.648	128	5967	0.317	ng	98
10) Hexachlorobutadiene	10.925	225	1382	0.321	ng	# 100
12) 2-Methylnaphthalene	12.272	142	3637	0.313	ng	97
16) Acenaphthylene	14.169	152	5298	0.330	ng	99
17) Acenaphthene	14.511	154	3262	0.315	ng	99
18) Fluorene	15.505	166	3667	0.294	ng	98
20) 4,6-Dinitro-2-methylph...	15.617	198	301	0.239	ng	93
21) 4-Bromophenyl-phenylether	16.411	248	1206	0.325	ng	# 82
22) Hexachlorobenzene	16.511	284	1428	0.333	ng	99
23) Atrazine	16.697	200	1011	0.308	ng	# 92
24) Pentachlorophenol	16.871	266	526	0.236	ng	96
25) Phenanthrene	17.255	178	5666	0.327	ng	97
26) Anthracene	17.355	178	4943	0.310	ng	100
28) Fluoranthene	19.289	202	5613	0.266	ng	99
30) Pyrene	19.656	202	5878	0.341	ng	100
32) Benzo(a)anthracene	21.420	228	4555	0.317	ng	98
33) Chrysene	21.474	228	4732	0.304	ng	99
34) Bis(2-ethylhexyl)phtha...	21.376	149	3335	0.291	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.212	276	6658	0.331	ng	98
37) Benzo(b)fluoranthene	23.084	252	4803	0.286	ng	99
38) Benzo(k)fluoranthene	23.131	252	5067	0.297	ng	97
39) Benzo(a)pyrene	23.692	252	4559	0.307	ng	99
40) Dibenzo(a,h)anthracene	26.253	278	5138	0.325	ng	100
41) Benzo(g,h,i)perylene	26.955	276	5960	0.326	ng	99

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

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