Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030524\
Data File : BN030282.D
Acq On : 06 Mar 2024 02:42
Operator : MA/JU
Sample : PB159350BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB159350BS

Quant Time: Mar 06 03:10:11 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	7.811	152	2036	0.400	ng	0.00
7) Naphthalene-d8	10.605	136	5212	0.400	ng	# 0.00
13) Acenaphthene-d10	14.458	164	2589	0.400	ng	0.00
19) Phenanthrene-d10	17.218	188	4665	0.400	ng	0.00
29) Chrysene-d12	21.438	240	3085	0.400	ng	0.00
35) Perylene-d12	23.791	264	3605	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	1497	0.280	ng	0.00
5) Phenol-d6	6.980	99	1574	0.280	ng	0.00
8) Nitrobenzene-d5	8.971	82	1524	0.320	ng	0.00
11) 2-Methylnaphthalene-d10	12.200	152	3246	0.429	ng	0.00
14) 2,4,6-Tribromophenol	15.964	330	322	0.242	ng	0.00
15) 2-Fluorobiphenyl	13.078	172	3477	0.323	ng	-0.01
27) Fluoranthene-d10	19.262	212	3406	0.266	ng	0.00
31) Terphenyl-d14	19.875	244	2656	0.332	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	620	0.235	ng	# 31
3) n-Nitrosodimethylamine	3.651	42	900	0.323	ng	# 92
6) bis(2-Chloroethyl)ether	7.248	93	1394	0.313	ng	99
9) Naphthalene	10.648	128	4621	0.318	ng	98
10) Hexachlorobutadiene	10.925	225	1054	0.317	ng	# 98
12) 2-Methylnaphthalene	12.276	142	2868	0.319	ng	99
16) Acenaphthylene	14.180	152	4195	0.336	ng	100
17) Acenaphthene	14.522	154	2474	0.307	ng	98
18) Fluorene	15.505	166	2934	0.302	ng	99
20) 4,6-Dinitro-2-methylph...	15.617	198	241	0.249	ng	86
21) 4-Bromophenyl-phenylether	16.424	248	900	0.316	ng	# 68
22) Hexachlorobenzene	16.511	284	1130	0.343	ng	100
23) Atrazine	16.709	200	803	0.318	ng	92
24) Pentachlorophenol	16.871	266	936	0.545	ng	98
25) Phenanthrene	17.255	178	4317	0.324	ng	99
26) Anthracene	17.355	178	3872	0.316	ng	100
28) Fluoranthene	19.294	202	4391	0.270	ng	99
30) Pyrene	19.656	202	4468	0.345	ng	100
32) Benzo(a)anthracene	21.420	228	3352	0.310	ng	99
33) Chrysene	21.474	228	3972	0.339	ng	99
34) Bis(2-ethylhexyl)phtha...	21.367	149	2685	0.312	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.221	276	5427	0.359	ng	# 86
37) Benzo(b)fluoranthene	23.078	252	3954	0.314	ng	98
38) Benzo(k)fluoranthene	23.125	252	4027	0.315	ng	98
39) Benzo(a)pyrene	23.689	252	3999	0.359	ng	99
40) Dibenzo(a,h)anthracene	26.247	278	4237	0.357	ng	96
41) Benzo(g,h,i)perylene	26.955	276	4589	0.335	ng	98

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

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