Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
Data File : BN022025.D
Acq On : 06 Oct 2022 19:05
Operator : CG/JU
Sample : PB148152BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148152BS

Quant Time: Oct 07 00:41:21 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	7.985	152	4443	0.400	ng		0.00
7) Naphthalene-d8	10.816	136	13767	0.400	ng		0.00
13) Acenaphthene-d10	14.653	164	7207	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	14659	0.400	ng		#-0.01
29) Chrysene-d12	21.600	240	11617	0.400	ng		0.00
35) Perylene-d12	24.081	264	8867	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.508	112	4017	0.390	ng		0.00
5) Phenol-d6	7.140	99	5245	0.393	ng		0.00
8) Nitrobenzene-d5	9.161	82	4135	0.374	ng		0.00
11) 2-Methylnaphthalene-d10	12.406	152	9237	0.365	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	1085	0.395	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	12085	0.384	ng		-0.01
27) Fluoranthene-d10	19.441	212	14177	0.364	ng		0.00
31) Terphenyl-d14	20.032	244	9181	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	2083	0.362	ng		97
3) n-Nitrosodimethylamine	3.659	42	2310	0.369	ng	#	98
6) bis(2-Chloroethyl)ether	7.400	93	5275	0.374	ng		99
9) Naphthalene	10.859	128	15458	0.372	ng		100
10) Hexachlorobutadiene	11.147	225	2686	0.373	ng	#	98
12) 2-Methylnaphthalene	12.111	142	2692	0.437	ng	#	93
16) Acenaphthylene	14.375	152	12423	0.362	ng		100
17) Acenaphthene	14.707	154	8920	0.370	ng		100
18) Fluorene	15.701	166	11230	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	15.786	198	733	0.447	ng	#	61
21) 4-Bromophenyl-phenylether	16.593	248	3301	0.370	ng	#	86
22) Hexachlorobenzene	16.704	284	4028	0.363	ng		100
23) Atrazine	16.866	200	2379	0.359	ng		95
24) Pentachlorophenol	17.052	266	1305	0.383	ng		99
25) Phenanthrene	17.437	178	18635	0.370	ng		100
26) Anthracene	17.536	178	14619	0.361	ng		100
28) Fluoranthene	19.466	202	19540	0.362	ng		100
30) Pyrene	19.833	202	19485	0.382	ng		100
32) Benzo(a)anthracene	21.582	228	16022	0.367	ng		99
33) Chrysene	21.636	228	18215	0.376	ng		99
34) Bis(2-ethylhexyl)phtha...	21.501	149	8443	0.403	ng		100
36) Indeno(1,2,3-cd)pyrene	26.680	276	15434	0.344	ng		100
37) Benzo(b)fluoranthene	23.315	252	15719	0.374	ng		99
38) Benzo(k)fluoranthene	23.365	252	15367	0.367	ng		99
39) Benzo(a)pyrene	23.967	252	11900	0.371	ng		97
40) Dibenzo(a,h)anthracene	26.704	278	12134	0.340	ng		99
41) Benzo(g,h,i)perylene	27.478	276	12611	0.327	ng		99

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

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