Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100422\
Data File : BN022010.D
Acq On : 04 Oct 2022 17:49
Operator : CG/JU
Sample : PB148092BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148092BSD

Quant Time: Oct 04 23:05:41 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	4056	0.400	ng		0.00
7) Naphthalene-d8	10.816	136	12413	0.400	ng		0.00
13) Acenaphthene-d10	14.653	164	6587	0.400	ng		0.00
19) Phenanthrene-d10	17.412	188	13253	0.400	ng		0.00
29) Chrysene-d12	21.609	240	10849	0.400	ng	#	0.00
35) Perylene-d12	24.093	264	8313	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.508	112	3590	0.382	ng		0.00
5) Phenol-d6	7.140	99	4560	0.374	ng		0.00
8) Nitrobenzene-d5	9.161	82	3684	0.369	ng		0.00
11) 2-Methylnaphthalene-d10	12.410	152	8665	0.380	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	935	0.372	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	10952	0.381	ng		-0.01
27) Fluoranthene-d10	19.445	212	13014	0.369	ng		0.00
31) Terphenyl-d14	20.041	244	8620	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	1940	0.370	ng		96
3) n-Nitrosodimethylamine	3.667	42	2163	0.379	ng	#	98
6) bis(2-Chloroethyl)ether	7.408	93	4887	0.379	ng		99
9) Naphthalene	10.869	128	14032	0.374	ng		100
10) Hexachlorobutadiene	11.147	225	2428	0.374	ng	#	100
12) 2-Methylnaphthalene	12.119	142	2205	0.397	ng		95
16) Acenaphthylene	14.375	152	10981	0.350	ng		100
17) Acenaphthene	14.717	154	8140	0.369	ng		100
18) Fluorene	15.701	166	9748	0.367	ng		99
20) 4,6-Dinitro-2-methylph...	15.786	198	608	0.426	ng		85
21) 4-Bromophenyl-phenylether	16.593	248	3041	0.377	ng		99
22) Hexachlorobenzene	16.704	284	3745	0.373	ng		99
23) Atrazine	16.866	200	2138	0.357	ng		99
24) Pentachlorophenol	17.064	266	1147	0.372	ng		99
25) Phenanthrene	17.449	178	17291	0.380	ng		100
26) Anthracene	17.536	178	13320	0.364	ng		100
28) Fluoranthene	19.474	202	17980	0.368	ng		100
30) Pyrene	19.837	202	18083	0.380	ng		100
32) Benzo(a)anthracene	21.591	228	14492	0.355	ng		99
33) Chrysene	21.645	228	17335	0.383	ng		100
34) Bis(2-ethylhexyl)phtha...	21.510	149	7111	0.363	ng		100
36) Indeno(1,2,3-cd)pyrene	26.704	276	14578	0.347	ng		99
37) Benzo(b)fluoranthene	23.330	252	14793	0.375	ng		99
38) Benzo(k)fluoranthene	23.379	252	14411	0.367	ng		100
39) Benzo(a)pyrene	23.982	252	10747	0.358	ng		99
40) Dibenzo(a,h)anthracene	26.721	278	11657	0.348	ng		99
41) Benzo(g,h,i)perylene	27.502	276	12422	0.343	ng		99

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

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