Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100622\
Data File : BN022026.D
Acq On : 06 Oct 2022 19:44
Operator : CG/JU
Sample : PB148152BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB148152BSD

Quant Time: Oct 07 00:41:38 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	7.986	152	4293	0.400	ng		0.00
7) Naphthalene-d8	10.816	136	13519	0.400	ng		# 0.00
13) Acenaphthene-d10	14.653	164	7094	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	14329	0.400	ng		#-0.01
29) Chrysene-d12	21.600	240	10990	0.400	ng		0.00
35) Perylene-d12	24.078	264	8273	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.508	112	3766	0.379	ng		0.00
5) Phenol-d6	7.141	99	4967	0.385	ng		0.00
8) Nitrobenzene-d5	9.161	82	4024	0.370	ng		0.00
11) 2-Methylnaphthalene-d10	12.406	152	9281	0.373	ng		0.00
14) 2,4,6-Tribromophenol	16.146	330	1014	0.375	ng		0.00
15) 2-Fluorobiphenyl	13.274	172	11768	0.380	ng		-0.01
27) Fluoranthene-d10	19.437	212	13547	0.356	ng		0.00
31) Terphenyl-d14	20.033	244	8298	0.376	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	2001	0.360	ng		96
3) n-Nitrosodimethylamine	3.659	42	2233	0.370	ng	#	99
6) bis(2-Chloroethyl)ether	7.401	93	5119	0.375	ng		99
9) Naphthalene	10.859	128	15040	0.368	ng		100
10) Hexachlorobutadiene	11.147	225	2626	0.371	ng	#	99
12) 2-Methylnaphthalene	12.111	142	2559	0.423	ng	#	93
16) Acenaphthylene	14.365	152	11964	0.354	ng		100
17) Acenaphthene	14.707	154	8718	0.367	ng		100
18) Fluorene	15.701	166	10882	0.380	ng		99
20) 4,6-Dinitro-2-methylph...	15.786	198	705	0.442	ng	#	63
21) 4-Bromophenyl-phenylether	16.593	248	3238	0.371	ng	#	87
22) Hexachlorobenzene	16.705	284	3915	0.361	ng		99
23) Atrazine	16.866	200	2268	0.350	ng		95
24) Pentachlorophenol	17.052	266	1186	0.356	ng		97
25) Phenanthrene	17.437	178	17992	0.365	ng		99
26) Anthracene	17.536	178	13922	0.352	ng		99
28) Fluoranthene	19.470	202	18713	0.355	ng		100
30) Pyrene	19.833	202	18547	0.384	ng		100
32) Benzo(a)anthracene	21.582	228	14731	0.356	ng		99
33) Chrysene	21.636	228	16957	0.370	ng		99
34) Bis(2-ethylhexyl)phtha...	21.501	149	7764	0.392	ng		100
36) Indeno(1,2,3-cd)pyrene	26.678	276	14381	0.344	ng		99
37) Benzo(b)fluoranthene	23.318	252	14678	0.374	ng		98
38) Benzo(k)fluoranthene	23.365	252	14276	0.366	ng		99
39) Benzo(a)pyrene	23.967	252	11154	0.373	ng	#	95
40) Dibenzo(a,h)anthracene	26.701	278	11217	0.336	ng		99
41) Benzo(g,h,i)perylene	27.482	276	11536	0.321	ng		99

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

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