Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072022\
Data File : BN020804.D
Acq On : 20 Jul 2022 14:34
Operator : CG/JU
Sample : PB146307BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146307BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/21/2022
Supervised By :Jagrut Upadhyay 07/21/2022

Quant Time: Jul 20 16:08:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 16 03:21:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	2136	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	8579	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	4852	0.400	ng		0.00
19) Phenanthrene-d10	17.215	188	9974	0.400	ng	#	0.00
29) Chrysene-d12	21.431	240	10331	0.400	ng		0.00
35) Perylene-d12	23.787	264	8645	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	1983	0.334	ng		0.00
5) Phenol-d6	7.017	99	2473	0.349	ng		0.00
8) Nitrobenzene-d5	8.982	82	2352	0.338	ng		0.01
11) 2-Methylnaphthalene-d10	12.219	152	5476	0.372	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	501	0.274	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	8077	0.403	ng		0.00
27) Fluoranthene-d10	19.261	212	12785	0.431	ng		0.00
31) Terphenyl-d14	19.868	244	8987	0.364	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1131	0.404	ng		94
3) n-Nitrosodimethylamine	3.600	42	1078	0.422	ng	#	94
6) bis(2-Chloroethyl)ether	7.248	93	2163	0.355	ng		96
9) Naphthalene	10.669	128	9708	0.379	ng		99
10) Hexachlorobutadiene	10.957	225	1678	0.360	ng	#	99
12) 2-Methylnaphthalene	12.291	142	6441	0.378	ng		98
16) Acenaphthylene	14.185	152	8185	0.351	ng		98
17) Acenaphthene	14.527	154	5883	0.371	ng		95
18) Fluorene	15.521	166	6705	0.324	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	351	0.405	ng	#	56
21) 4-Bromophenyl-phenylether	16.415	248	1935	0.334	ng		96
22) Hexachlorobenzene	16.528	284	2190	0.341	ng		97
23) Atrazine	16.692	200	1357	0.297	ng		98
24) Pentachlorophenol	16.887	266	591	0.471	ng		96
25) Phenanthrene	17.256	178	12400	0.369	ng		100
26) Anthracene	17.359	178	10259	0.354	ng		100
28) Fluoranthene	19.295	202	16345	0.445	ng		99
30) Pyrene	19.657	202	16689	0.382	ng		100
32) Benzo(a)anthracene	21.422	228	12532	0.340	ng		99
33) Chrysene	21.467	228	15498	0.379	ng		98
34) Bis(2-ethylhexyl)phtha...	21.351	149	6434	0.309	ng		98
36) Indeno(1,2,3-cd)pyrene	26.223	276	13294	0.345	ng		99
37) Benzo(b)fluoranthene	23.074	252	12872	0.386	ng		97
38) Benzo(k)fluoranthene	23.118	252	14045m	0.396	ng		
39) Benzo(a)pyrene	23.685	252	10628	0.368	ng		93
40) Dibenzo(a,h)anthracene	26.237	278	10395	0.337	ng		96
41) Benzo(g,h,i)perylene	26.963	276	12150	0.360	ng		99

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

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