Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032422\
Data File : BN019148.D
Acq On : 25 Mar 2022 06:07
Operator : CG/JU
Sample : PB143559BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143559BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/25/2022
Supervised By :Jagrut Upadhyay 03/25/2022

Quant Time: Mar 25 07:09:47 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 13:18:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.847	152	4262	0.400	ng		0.00
7) Naphthalene-d8	10.658	136	11222	0.400	ng		0.00
13) Acenaphthene-d10	14.485	164	6597	0.400	ng		-0.01
19) Phenanthrene-d10	17.226	188	13329	0.400	ng		-0.01
29) Chrysene-d12	21.422	240	9657	0.400	ng		# 0.00
35) Perylene-d12	23.788	264	8107	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	3020	0.316	ng		0.00
5) Phenol-d6	7.009	99	2949	0.294	ng		0.00
8) Nitrobenzene-d5	9.014	82	2262	0.279	ng		0.00
11) 2-Methylnaphthalene-d10	12.246	152	6160	0.331	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	718	0.226	ng		-0.01
15) 2-Fluorobiphenyl	13.116	172	9318	0.352	ng		-0.01
27) Fluoranthene-d10	19.261	212	13878	0.351	ng		0.00
31) Terphenyl-d14	19.860	244	7954	0.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	2070	0.393	ng		99
3) n-Nitrosodimethylamine	3.579	42	1785	0.291	ng	#	94
6) bis(2-Chloroethyl)ether	7.269	93	3910	0.328	ng		95
9) Naphthalene	10.701	128	11295	0.354	ng		99
10) Hexachlorobutadiene	11.000	225	2682	0.343	ng	#	99
12) 2-Methylnaphthalene	12.322	142	7193	0.331	ng		99
16) Acenaphthylene	14.207	152	9571	0.313	ng		99
17) Acenaphthene	14.549	154	7331	0.341	ng		99
18) Fluorene	15.532	166	8987	0.332	ng		100
20) 4,6-Dinitro-2-methylph...	15.628	198	384	0.262	ng	#	60
21) 4-Bromophenyl-phenylether	16.426	248	2863	0.341	ng		95
22) Hexachlorobenzene	16.549	284	4019	0.371	ng		98
23) Atrazine	16.682	200	1665	0.265	ng		97
24) Pentachlorophenol	16.887	266	439	0.132	ng		97
25) Phenanthrene	17.267	178	14439	0.346	ng		100
26) Anthracene	17.359	178	10561	0.300	ng		100
28) Fluoranthene	19.291	202	17070	0.349	ng		99
30) Pyrene	19.653	202	17586	0.366	ng		99
32) Benzo(a)anthracene	21.404	228	9219	0.310	ng		99
33) Chrysene	21.458	228	14555	0.363	ng		100
34) Bis(2-ethylhexyl)phtha...	21.324	149	5825	0.295	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.241	276	11838m	0.405	ng		
37) Benzo(b)fluoranthene	23.065	252	9824m	0.332	ng		
38) Benzo(k)fluoranthene	23.112	252	14094m	0.348	ng		
39) Benzo(a)pyrene	23.685	252	9299	0.346	ng	#	75
40) Dibenzo(a,h)anthracene	26.267	278	8516m	0.374	ng		
41) Benzo(g,h,i)perylene	26.983	276	11968	0.417	ng		97

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

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