Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042222\
Data File : BN019524.D
Acq On : 22 Apr 2022 17:03
Operator : CG/JU
Sample : PB144302BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB144302BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :Jagrut Upadhyay 04/25/2022

Quant Time: Apr 23 05:31:15 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	4412	0.400	ng		0.00
7) Naphthalene-d8	10.613	136	11665	0.400	ng	#	0.00
13) Acenaphthene-d10	14.450	164	6628	0.400	ng		0.00
19) Phenanthrene-d10	17.192	188	12891	0.400	ng		0.00
29) Chrysene-d12	21.386	240	8589	0.400	ng	#	0.00
35) Perylene-d12	23.734	264	7538	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	3211	0.340	ng		0.00
5) Phenol-d6	6.982	99	2984	0.277	ng		0.00
8) Nitrobenzene-d5	8.980	82	2484	0.294	ng		0.00
11) 2-Methylnaphthalene-d10	12.213	152	6572	0.347	ng		0.00
14) 2,4,6-Tribromophenol	15.951	330	740	0.250	ng		0.00
15) 2-Fluorobiphenyl	13.082	172	9542	0.361	ng		0.00
27) Fluoranthene-d10	19.227	212	12755	0.338	ng		0.00
31) Terphenyl-d14	19.830	244	7236	0.373	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	2150	0.370	ng		90
3) n-Nitrosodimethylamine	3.544	42	1619	0.301	ng		96
6) bis(2-Chloroethyl)ether	7.227	93	3975	0.351	ng		93
9) Naphthalene	10.656	128	12504	0.369	ng		98
10) Hexachlorobutadiene	10.955	225	2810	0.378	ng	#	100
12) 2-Methylnaphthalene	12.285	142	7628	0.345	ng		97
16) Acenaphthylene	14.172	152	9833	0.326	ng		100
17) Acenaphthene	14.514	154	7513	0.357	ng		97
18) Fluorene	15.498	166	9194	0.333	ng		100
20) 4,6-Dinitro-2-methylph...	15.626	198	245	0.240	ng	#	16
21) 4-Bromophenyl-phenylether	16.392	248	2692	0.341	ng		95
22) Hexachlorobenzene	16.505	284	3782	0.385	ng		97
23) Atrazine	16.659	200	1569	0.281	ng		95
24) Pentachlorophenol	16.885	266	353	0.183	ng		96
25) Phenanthrene	17.233	178	13897	0.341	ng		100
26) Anthracene	17.336	178	10305	0.313	ng		99
28) Fluoranthene	19.256	202	15541	0.333	ng		99
30) Pyrene	19.619	202	15745	0.387	ng		99
32) Benzo(a)anthracene	21.368	228	7491	0.280	ng		98
33) Chrysene	21.422	228	12415	0.368	ng		99
34) Bis(2-ethylhexyl)phtha...	21.296	149	5014	0.319	ng		100
36) Indeno(1,2,3-cd)pyrene	26.155	276	10561	0.363	ng	#	89
37) Benzo(b)fluoranthene	23.021	252	9352m	0.322	ng		
38) Benzo(k)fluoranthene	23.068	252	10193	0.329	ng		95
39) Benzo(a)pyrene	23.632	252	9489	0.372	ng	#	79
40) Dibenzo(a,h)anthracene	26.179	278	7429	0.342	ng	#	89
41) Benzo(g,h,i)perylene	26.892	276	11347	0.380	ng		97

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

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