Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052722\
Data File : BN019992.D
Acq On : 27 May 2022 17:55
Operator : CG/JU
Sample : PB145157BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB145157BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Quant Time: May 28 04:37:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 18 07:42:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.854	152	3474	0.400	ng		0.00
7) Naphthalene-d8	10.637	136	11900	0.400	ng	#	0.00
13) Acenaphthene-d10	14.474	164	7064	0.400	ng		0.01
19) Phenanthrene-d10	17.205	188	14099	0.400	ng	#	0.00
29) Chrysene-d12	21.395	240	8577	0.400	ng		0.00
35) Perylene-d12	23.743	264	6649	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.435	112	3872	0.446	ng		0.00
5) Phenol-d6	7.016	99	4813	0.442	ng		0.00
8) Nitrobenzene-d5	8.993	82	3690	0.411	ng		0.00
11) 2-Methylnaphthalene-d10	12.227	152	8795	0.424	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	798	0.286	ng		0.01
15) 2-Fluorobiphenyl	13.095	172	12910	0.419	ng		0.00
27) Fluoranthene-d10	19.240	212	15158	0.378	ng		0.00
31) Terphenyl-d14	19.843	244	10471	0.518	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1512	0.367	ng		97
3) n-Nitrosodimethylamine	3.673	42	1744	0.386	ng	#	97
6) bis(2-Chloroethyl)ether	7.276	93	4206	0.397	ng		98
9) Naphthalene	10.690	128	15032	0.416	ng		100
10) Hexachlorobutadiene	10.989	225	2679	0.408	ng	#	99
12) 2-Methylnaphthalene	12.299	142	10339	0.420	ng		99
16) Acenaphthylene	14.185	152	13936m	0.421	ng		
17) Acenaphthene	14.527	154	9737	0.397	ng		96
18) Fluorene	15.521	166	12353	0.399	ng		100
20) 4,6-Dinitro-2-methylph...	15.607	198	168	0.083	ng	#	29
21) 4-Bromophenyl-phenylether	16.405	248	3719	0.432	ng		92
22) Hexachlorobenzene	16.528	284	4363	0.457	ng		99
23) Atrazine	16.671	200	2212	0.394	ng		99
24) Pentachlorophenol	16.877	266	654	0.177	ng		97
25) Phenanthrene	17.246	178	20137	0.412	ng		100
26) Anthracene	17.338	178	16239	0.393	ng		100
28) Fluoranthene	19.274	202	19588	0.374	ng		100
30) Pyrene	19.632	202	19077	0.524	ng		100
32) Benzo(a)anthracene	21.386	228	12729	0.407	ng		99
33) Chrysene	21.431	228	14618	0.417	ng		98
34) Bis(2-ethylhexyl)phtha...	21.315	149	6529	0.502	ng		99
36) Indeno(1,2,3-cd)pyrene	26.153	276	12287	0.395	ng		99
37) Benzo(b)fluoranthene	23.033	252	11872	0.409	ng		99
38) Benzo(k)fluoranthene	23.080	252	12172	0.395	ng		98
39) Benzo(a)pyrene	23.638	252	9237	0.404	ng		99
40) Dibenzo(a,h)anthracene	26.164	278	9512	0.379	ng		98
41) Benzo(g,h,i)perylene	26.889	276	10620	0.411	ng		98

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

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