Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040822\
Data File : BN019393.D
Acq On : 08 Apr 2022 17:59
Operator : CG/JU
Sample : PB143983BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Apr 11 04:11:07 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB143983BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/11/2022
Supervised By :mohammad ahmed 04/11/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	3846	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	10756	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	6857	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	15445	0.400	ng		0.00
29) Chrysene-d12	21.396	240	14409	0.400	ng		0.00
35) Perylene-d12	23.744	264	12792	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.385	112	3664	0.356	ng		0.00
5) Phenol-d6	6.995	99	3736	0.301	ng		0.00
8) Nitrobenzene-d5	8.982	82	2914	0.298	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	6307	0.334	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1159	0.278	ng		0.01
15) 2-Fluorobiphenyl	13.095	172	9267	0.325	ng		0.00
27) Fluoranthene-d10	19.240	212	17877	0.359	ng		0.00
31) Terphenyl-d14	19.835	244	10661	0.341	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	1807	0.393	ng		99
3) n-Nitrosodimethylamine	3.550	42	2038	0.335	ng		96
6) bis(2-Chloroethyl)ether	7.241	93	3944	0.316	ng		96
9) Naphthalene	10.680	128	11091	0.349	ng		99
10) Hexachlorobutadiene	10.979	225	2547	0.368	ng	#	99
12) 2-Methylnaphthalene	12.299	142	7334	0.333	ng		99
16) Acenaphthylene	14.185	152	11196	0.329	ng		100
17) Acenaphthene	14.527	154	7816	0.345	ng		99
18) Fluorene	15.511	166	10108	0.338	ng		99
20) 4,6-Dinitro-2-methylph...	15.618	198	402	0.142	ng	#	41
21) 4-Bromophenyl-phenylether	16.405	248	3256	0.313	ng		97
22) Hexachlorobenzene	16.528	284	4238	0.348	ng		99
23) Atrazine	16.672	200	2533	0.295	ng		95
24) Pentachlorophenol	16.877	266	842	0.178	ng		99
25) Phenanthrene	17.246	178	16950	0.327	ng		100
26) Anthracene	17.338	178	14140	0.310	ng		100
28) Fluoranthene	19.270	202	21720	0.353	ng		99
30) Pyrene	19.632	202	23062	0.344	ng		99
32) Benzo(a)anthracene	21.378	228	16537	0.311	ng		99
33) Chrysene	21.431	228	20011	0.338	ng		100
34) Bis(2-ethylhexyl)phtha...	21.306	149	11903	0.300	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.176	276	15944	0.298	ng	#	93
37) Benzo(b)fluoranthene	23.030	252	15962m	0.318	ng		
38) Benzo(k)fluoranthene	23.077	252	16298	0.311	ng		98
39) Benzo(a)pyrene	23.641	252	15439	0.343	ng	#	83
40) Dibenzo(a,h)anthracene	26.194	278	12530	0.302	ng		95
41) Benzo(g,h,i)perylene	26.916	276	15756	0.317	ng		99

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

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