Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042022\
Data File : BN019502.D
Acq On : 19 Apr 2022 19:01
Operator : CG/JU
Sample : PB144158BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB144158BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/20/2022
Supervised By :Jagrut Upadhyay 04/20/2022

Quant Time: Apr 20 04:05:46 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.819	152	4888	0.400	ng		0.00
7) Naphthalene-d8	10.613	136	13925	0.400	ng		#-0.01
13) Acenaphthene-d10	14.450	164	8312	0.400	ng		-0.01
19) Phenanthrene-d10	17.203	188	15232	0.400	ng		# 0.00
29) Chrysene-d12	21.395	240	8579	0.400	ng		# 0.00
35) Perylene-d12	23.749	264	6378	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.378	112	3642	0.278	ng		0.00
5) Phenol-d6	6.989	99	3537	0.224	ng		0.00
8) Nitrobenzene-d5	8.980	82	2997	0.237	ng		0.00
11) 2-Methylnaphthalene-d10	12.217	152	8199	0.335	ng		0.00
14) 2,4,6-Tribromophenol	15.951	330	942	0.187	ng		0.00
15) 2-Fluorobiphenyl	13.092	172	12117	0.351	ng		0.00
27) Fluoranthene-d10	19.235	212	14840	0.302	ng		0.00
31) Terphenyl-d14	19.838	244	8232	0.442	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.212	88	2185	0.374	ng		92
3) n-Nitrosodimethylamine	3.544	42	1962	0.254	ng		95
6) bis(2-Chloroethyl)ether	7.234	93	4124	0.260	ng		89
9) Naphthalene	10.667	128	15029	0.366	ng		99
10) Hexachlorobutadiene	10.966	225	3428	0.383	ng	#	100
12) 2-Methylnaphthalene	12.289	142	9516	0.334	ng		98
16) Acenaphthylene	14.172	152	12156	0.295	ng		100
17) Acenaphthene	14.514	154	9571	0.349	ng		99
18) Fluorene	15.509	166	11429	0.316	ng		100
20) 4,6-Dinitro-2-methylph...	15.615	198	310	0.111	ng	#	40
21) 4-Bromophenyl-phenylether	16.392	248	3489	0.340	ng	#	86
22) Hexachlorobenzene	16.516	284	4755	0.396	ng		99
23) Atrazine	16.669	200	1988	0.235	ng		98
24) Pentachlorophenol	16.875	266	591	0.127	ng		98
25) Phenanthrene	17.244	178	17048	0.334	ng		100
26) Anthracene	17.336	178	12220	0.272	ng		100
28) Fluoranthene	19.265	202	18030	0.297	ng		99
30) Pyrene	19.627	202	18086	0.453	ng		99
32) Benzo(a)anthracene	21.377	228	7771	0.245	ng		100
33) Chrysene	21.431	228	12117	0.344	ng		99
34) Bis(2-ethylhexyl)phtha...	21.297	149	5729	0.243	ng		100
36) Indeno(1,2,3-cd)pyrene	26.184	276	8074	0.302	ng	#	76
37) Benzo(b)fluoranthene	23.030	252	8067m	0.323	ng		
38) Benzo(k)fluoranthene	23.077	252	8932	0.342	ng		95
39) Benzo(a)pyrene	23.647	252	7792	0.347	ng	#	81
40) Dibenzo(a,h)anthracene	26.205	278	5820	0.282	ng	#	84
41) Benzo(g,h,i)perylene	26.918	276	8827	0.357	ng		98

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

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