Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030722\
Data File : BN018859.D
Acq On : 07 Mar 2022 15:31
Operator : CG/JU
Sample : PB143119BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143119BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

Quant Time: Mar 08 02:21:12 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN030322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 03 00:44:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.912	152	3717	0.400	ng		0.00
7) Naphthalene-d8	10.722	136	10688	0.400	ng		0.00
13) Acenaphthene-d10	14.538	164	6909	0.400	ng		0.00
19) Phenanthrene-d10	17.277	188	16076	0.400	ng		0.00
29) Chrysene-d12	21.458	240	17052	0.400	ng		0.00
35) Perylene-d12	23.852	264	15578	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3223	0.397	ng		0.00
5) Phenol-d6	7.067	99	3944	0.404	ng		0.00
8) Nitrobenzene-d5	9.067	82	2725	0.350	ng		0.00
11) 2-Methylnaphthalene-d10	12.306	152	6492	0.373	ng		0.00
14) 2,4,6-Tribromophenol	16.025	330	1127	0.354	ng		0.00
15) 2-Fluorobiphenyl	13.169	172	9437	0.319	ng		0.00
27) Fluoranthene-d10	19.307	212	17610	0.372	ng		0.00
31) Terphenyl-d14	19.902	244	11165	0.306	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	1410	0.339	ng	#	94
3) n-Nitrosodimethylamine	3.636	42	1702	0.388	ng	#	99
6) bis(2-Chloroethyl)ether	7.327	93	3701	0.352	ng		99
9) Naphthalene	10.765	128	10040	0.328	ng		99
10) Hexachlorobutadiene	11.064	225	2122	0.304	ng	#	98
12) 2-Methylnaphthalene	12.378	142	8075	0.378	ng		100
16) Acenaphthylene	14.260	152	9387	0.298	ng		99
17) Acenaphthene	14.602	154	7343	0.328	ng		99
18) Fluorene	15.586	166	9503	0.327	ng		99
20) 4,6-Dinitro-2-methylph...	15.660	198	806	0.384	ng		94
21) 4-Bromophenyl-phenylether	16.477	248	3136	0.293	ng		97
22) Hexachlorobenzene	16.600	284	3809	0.285	ng		98
23) Atrazine	16.733	200	2200	0.348	ng		97
24) Pentachlorophenol	16.938	266	1283	0.485	ng		99
25) Phenanthrene	17.318	178	17571	0.329	ng		100
26) Anthracene	17.410	178	14065	0.313	ng		99
28) Fluoranthene	19.337	202	20713	0.341	ng		100
30) Pyrene	19.699	202	21467	0.282	ng		100
32) Benzo(a)anthracene	21.440	228	20834	0.325	ng		99
33) Chrysene	21.494	228	23754	0.338	ng		99
34) Bis(2-ethylhexyl)phtha...	21.368	149	20646	0.522	ng		99
36) Indeno(1,2,3-cd)pyrene	26.334	276	26101	0.373	ng		99
37) Benzo(b)fluoranthene	23.124	252	26422m	0.364	ng		
38) Benzo(k)fluoranthene	23.170	252	24444	0.342	ng		100
39) Benzo(a)pyrene	23.746	252	20515	0.368	ng	#	93
40) Dibenzo(a,h)anthracene	26.351	278	20570	0.383	ng		99
41) Benzo(g,h,i)perylene	27.097	276	21457	0.372	ng		99

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

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