Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032421\
Data File : BN014094.D
Acq On : 25 Mar 2021 06:34
Operator : CG/JU
Sample : PB135331BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135331BSD

Manual Integrations APPROVED
mohammad
3/25/2021 11:51:02 AM

Quant Time: Mar 25 07:14:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN032021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 23 11:06:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.700	152	5528	0.40	ng		0.00
7) Naphthalene-d8	10.467	136	21108	0.40	ng		-0.01
13) Acenaphthene-d10	14.321	164	12412	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	27154	0.40	ng		-0.01
29) Chrysene-d12	21.237	240	26480	0.40	ng	#	0.00
36) Perylene-d12	23.442	264	26355	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.292	112	6070	0.48	ng		0.00
5) Phenol-d6	6.863	99	7853	0.49	ng		0.00
8) Nitrobenzene-d5	8.832	82	5751	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.062	152	14847	0.45	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	1590	0.39	ng		-0.01
15) 2-Fluorobiphenyl	12.938	172	19934	0.43	ng		-0.01
27) Fluoranthene-d10	19.086	212	33142	0.44	ng		0.00
31) Terphenyl-d14	19.687	244	26503	0.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	3030	0.42	ng		99
3) n-Nitrosodimethylamine	3.585	42	1871	0.38	ng	#	94
6) bis(2-Chloroethyl)ether	7.128	93	6478	0.46	ng		96
9) Naphthalene	10.518	128	23436	0.45	ng		100
10) Hexachlorobutadiene	10.809	225	4261	0.43	ng	#	100
12) 2-Methylnaphthalene	12.133	142	15979	0.45	ng		99
16) Acenaphthylene	14.042	152	19201	0.40	ng		99
17) Acenaphthene	14.384	154	14801	0.42	ng		99
18) Fluorene	15.361	166	18816	0.43	ng		99
20) 4,6-Dinitro-2-methylph...	15.450	198	1146	0.38	ng		87
21) 4-Bromophenyl-phenylether	16.264	248	5950	0.43	ng	#	77
22) Hexachlorobenzene	16.373	284	6803	0.42	ng		100
23) Atrazine	16.532	200	3733	0.39	ng		98
24) Pentachlorophenol	16.714	266	1278	0.34	ng		98
25) Phenanthrene	17.104	178	31772	0.43	ng		99
26) Anthracene	17.189	178	25835	0.42	ng		100
28) Fluoranthene	19.116	202	35871	0.43	ng		99
30) Pyrene	19.478	202	36163	0.45	ng		100
32) Benzo(a)anthracene	21.215	228	32079	0.42	ng		97
33) Chrysene	21.268	228	36765	0.45	ng		98
34) Bis(2-ethylhexyl)phtha...	21.152	149	10060	0.36	ng		98
35) Indeno(1,2,3-cd)pyrene	25.650	276	42559	0.48	ng		99
37) Benzo(b)fluoranthene	22.781	252	40489	0.42	ng		99
38) Benzo(k)fluoranthene	22.822	252	38660m	0.41	ng		
39) Benzo(a)pyrene	23.343	252	35327	0.43	ng		98
40) Dibenzo(a,h)anthracene	25.660	278	35846	0.41	ng		98
41) Benzo(g,h,i)perylene	26.321	276	37688	0.41	ng		98

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

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