Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
Data File : BN014794.D
Acq On : 27 May 2021 16:16
Operator : CG/JU
Sample : PB136418BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136418BSD

Manual Integrations APPROVED
mohammad
5/27/2021 11:12:03 PM

Quant Time: May 27 16:46:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 01:39:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	646	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2279	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1542	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3468	0.40	ng		0.00
29) Chrysene-d12	21.311	240	4283	0.40	ng		#-0.01
35) Perylene-d12	23.575	264	4500	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	914	0.53	ng		0.00
5) Phenol-d6	6.895	99	1164	0.49	ng		0.00
8) Nitrobenzene-d5	8.870	82	788	0.38	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	1571	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	364	0.41	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	2224	0.39	ng		-0.01
27) Fluoranthene-d10	19.151	212	4410	0.32	ng		0.00
31) Terphenyl-d14	19.756	244	3842	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	369	0.49	ng	#	89
3) n-Nitrosodimethylamine	3.658	42	54	0.37	ng	#	70
6) bis(2-Chloroethyl)ether	7.145	93	740	0.37	ng		97
9) Naphthalene	10.543	128	2492	0.38	ng		95
10) Hexachlorobutadiene	10.834	225	663	0.39	ng	#	97
12) 2-Methylnaphthalene	12.169	142	1690	0.35	ng		99
16) Acenaphthylene	14.080	152	2320	0.38	ng		97
17) Acenaphthene	14.422	154	1650	0.37	ng		99
18) Fluorene	15.412	166	2186	0.34	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	145	0.48	ng	#	75
21) 4-Bromophenyl-phenylether	16.313	248	854	0.36	ng		95
22) Hexachlorobenzene	16.422	284	1000	0.38	ng		99
23) Atrazine	16.580	200	526	0.34	ng		96
24) Pentachlorophenol	16.775	266	264	0.47	ng	#	84
25) Phenanthrene	17.152	178	3684	0.35	ng		99
26) Anthracene	17.250	178	3067	0.35	ng		97
28) Fluoranthene	19.181	202	4632	0.32	ng		99
30) Pyrene	19.548	202	4877	0.40	ng		99
32) Benzo(a)anthracene	21.300	228	4762	0.36	ng		98
33) Chrysene	21.353	228	5613	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.237	149	1554	0.42	ng		96
36) Indeno(1,2,3-cd)pyrene	25.859	276	6892	0.37	ng		98
37) Benzo(b)fluoranthene	22.894	252	6043m	0.37	ng		
38) Benzo(k)fluoranthene	22.939	252	6346	0.37	ng		97
39) Benzo(a)pyrene	23.480	252	5609	0.38	ng	#	79
40) Dibenzo(a,h)anthracene	25.876	278	5634	0.37	ng		98
41) Benzo(g,h,i)perylene	26.553	276	6287	0.38	ng		100

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

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