Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042721\
Data File : BN014454.D
Acq On : 27 Apr 2021 12:09
Operator : CG/JU
Sample : PB135981BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB135981BS

Manual Integrations APPROVED
mohammad
4/27/2021 4:10:25 PM

Quant Time: Apr 27 12:54:05 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 27 11:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.684	152	9366	0.40	ng		0.00
7) Naphthalene-d8	10.454	136	35737	0.40	ng		0.00
13) Acenaphthene-d10	14.308	164	19248	0.40	ng		0.00
19) Phenanthrene-d10	17.055	188	40178	0.40	ng		0.00
29) Chrysene-d12	21.261	240	35181	0.40	ng	#	0.01
36) Perylene-d12	23.479	264	32496	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	7714	0.40	ng		0.00
5) Phenol-d6	6.847	99	9915	0.42	ng		0.00
8) Nitrobenzene-d5	8.819	82	8059	0.27	ng		0.00
11) 2-Methylnaphthalene-d10	12.049	152	22916	0.43	ng		0.00
14) 2,4,6-Tribromophenol	15.805	330	2288	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.925	172	30536	0.40	ng		0.00
27) Fluoranthene-d10	19.094	212	41301	0.39	ng		0.00
31) Terphenyl-d14	19.700	244	32462	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	4410	0.39	ng		99
3) n-Nitrosodimethylamine	3.601	42	1918	0.40	ng	#	91
6) bis(2-Chloroethyl)ether	7.112	93	9685	0.42	ng		98
9) Naphthalene	10.505	128	37633	0.42	ng		100
10) Hexachlorobutadiene	10.797	225	7212	0.37	ng	#	100
12) 2-Methylnaphthalene	12.124	142	24863	0.43	ng		97
16) Acenaphthylene	14.029	152	28001	0.34	ng		99
17) Acenaphthene	14.372	154	21623	0.40	ng		98
18) Fluorene	15.361	166	26338	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.437	198	1325	0.30	ng	#	76
21) 4-Bromophenyl-phenylether	16.252	248	8399	0.37	ng	#	87
22) Hexachlorobenzene	16.374	284	11302	0.36	ng		99
23) Atrazine	16.520	200	4468	0.34	ng		97
24) Pentachlorophenol	16.715	266	1975	0.34	ng		99
25) Phenanthrene	17.092	178	45564	0.40	ng		100
26) Anthracene	17.189	178	34574	0.39	ng		99
28) Fluoranthene	19.124	202	47328	0.39	ng		99
30) Pyrene	19.491	202	47588	0.45	ng		100
32) Benzo(a)anthracene	21.239	228	38848	0.42	ng		100
33) Chrysene	21.293	228	45958	0.42	ng		99
34) Bis(2-ethylhexyl)phtha...	21.176	149	10987	0.33	ng		99
35) Indeno(1,2,3-cd)pyrene	25.707	276	53036	0.43	ng		99
37) Benzo(b)fluoranthene	22.815	252	48484m	0.41	ng		
38) Benzo(k)fluoranthene	22.856	252	49415	0.41	ng		99
39) Benzo(a)pyrene	23.383	252	44328	0.44	ng	#	86
40) Dibenzo(a,h)anthracene	25.724	278	43366	0.39	ng		99
41) Benzo(g,h,i)perylene	26.392	276	44252	0.37	ng		98

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

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