Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052721\
Data File : BN014798.D
Acq On : 27 May 2021 18:40
Operator : CG/JU
Sample : PB136632BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136632BS

Manual Integrations APPROVED
mohammad
5/27/2021 11:12:19 PM

Quant Time: May 27 19:25:02 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	688	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2372	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1635	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3958	0.40	ng		0.00
29) Chrysene-d12	21.314	240	4929	0.40	ng		# 0.00
35) Perylene-d12	23.575	264	5144	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.316	112	872	0.47	ng		0.00
5) Phenol-d6	6.895	99	1099	0.44	ng		0.00
8) Nitrobenzene-d5	8.870	82	722	0.33	ng		0.00
11) 2-Methylnaphthalene-d10	12.097	152	1695	0.35	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	359	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.976	172	2394	0.40	ng		-0.01
27) Fluoranthene-d10	19.154	212	5183	0.33	ng		0.00
31) Terphenyl-d14	19.759	244	4485	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.279	88	357	0.45	ng	#	94
3) n-Nitrosodimethylamine	3.649	42	48	0.34	ng	#	65
6) bis(2-Chloroethyl)ether	7.145	93	761	0.36	ng		97
9) Naphthalene	10.543	128	2593	0.38	ng		94
10) Hexachlorobutadiene	10.834	225	717	0.40	ng	#	99
12) 2-Methylnaphthalene	12.169	142	1766	0.35	ng		99
16) Acenaphthylene	14.080	152	2484	0.38	ng		98
17) Acenaphthene	14.422	154	1762	0.37	ng		97
18) Fluorene	15.412	166	2460	0.36	ng		98
20) 4,6-Dinitro-2-methylph...	15.501	198	124	0.37	ng		85
21) 4-Bromophenyl-phenylether	16.313	248	979	0.36	ng		93
22) Hexachlorobenzene	16.422	284	1174	0.39	ng		99
23) Atrazine	16.581	200	589	0.34	ng		99
24) Pentachlorophenol	16.775	266	234	0.37	ng	#	91
25) Phenanthrene	17.153	178	4201	0.35	ng		99
26) Anthracene	17.250	178	3521	0.35	ng		96
28) Fluoranthene	19.183	202	5422	0.33	ng		100
30) Pyrene	19.546	202	5592	0.40	ng		99
32) Benzo(a)anthracene	21.292	228	5402	0.36	ng		99
33) Chrysene	21.346	228	6444	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.229	149	1516	0.36	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.858	276	7884	0.37	ng		97
37) Benzo(b)fluoranthene	22.897	252	7034m	0.37	ng		
38) Benzo(k)fluoranthene	22.938	252	7368	0.37	ng		99
39) Benzo(a)pyrene	23.479	252	6587	0.39	ng	#	51
40) Dibenzo(a,h)anthracene	25.878	278	6345	0.36	ng		99
41) Benzo(g,h,i)perylene	26.556	276	6947	0.37	ng		99

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

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