Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052821\
Data File : BN014803.D
Acq On : 28 May 2021 14:34
Operator : CG/JU
Sample : PB136521BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB136521BS

Manual Integrations APPROVED
mohammad
6/1/2021 9:16:23 AM

Quant Time: May 28 15:47:51 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	7.717	152	638	0.40	ng		0.00
7) Naphthalene-d8	10.492	136	2303	0.40	ng		-0.01
13) Acenaphthene-d10	14.359	164	1600	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3651	0.40	ng		0.00
29) Chrysene-d12	21.311	240	4453	0.40	ng		#-0.01
35) Perylene-d12	23.576	264	4592	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.317	112	556	0.33	ng		0.00
5) Phenol-d6	6.895	99	655	0.28	ng		0.00
8) Nitrobenzene-d5	8.870	82	465	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	1119	0.24	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	224	0.24	ng		0.00
15) 2-Fluorobiphenyl	12.976	172	1625	0.28	ng		-0.01
27) Fluoranthene-d10	19.151	212	3558	0.25	ng		0.00
31) Terphenyl-d14	19.757	244	3158	0.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	273	0.37	ng	#	89
3) n-Nitrosodimethylamine	3.633	42	5	0.22	ng	#	1
6) bis(2-Chloroethyl)ether	7.153	93	484	0.25	ng		98
9) Naphthalene	10.543	128	1845	0.28	ng		98
10) Hexachlorobutadiene	10.835	225	513	0.30	ng	#	98
12) 2-Methylnaphthalene	12.173	142	1247	0.26	ng		99
16) Acenaphthylene	14.080	152	1610	0.25	ng		99
17) Acenaphthene	14.422	154	1257	0.27	ng		99
18) Fluorene	15.412	166	1726	0.26	ng		97
20) 4,6-Dinitro-2-methylph...	15.514	198	50	0.18	ng		85
21) 4-Bromophenyl-phenylether	16.313	248	662	0.26	ng		95
22) Hexachlorobenzene	16.422	284	834	0.30	ng		97
23) Atrazine	16.580	200	360	0.22	ng		92
24) Pentachlorophenol	16.775	266	113	0.19	ng		92
25) Phenanthrene	17.152	178	2927	0.27	ng		100
26) Anthracene	17.250	178	2351	0.25	ng		97
28) Fluoranthene	19.181	202	3759	0.25	ng		100
30) Pyrene	19.548	202	3882	0.30	ng		99
32) Benzo(a)anthracene	21.300	228	3302	0.24	ng		99
33) Chrysene	21.354	228	4600	0.31	ng		99
34) Bis(2-ethylhexyl)phtha...	21.226	149	974	0.25	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.862	276	5233	0.28	ng	#	98
37) Benzo(b)fluoranthene	22.894	252	4716m	0.28	ng		
38) Benzo(k)fluoranthene	22.939	252	5306	0.30	ng		96
39) Benzo(a)pyrene	23.480	252	4121	0.27	ng	#	77
40) Dibenzo(a,h)anthracene	25.876	278	4130	0.26	ng	#	96
41) Benzo(g,h,i)perylene	26.550	276	4878	0.29	ng		99

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

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