Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080720\
Data File : BN011393.D
Acq On : 07 Aug 2020 11:28
Operator : CG/JU
Sample : PB130764BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB130764BS

Quant Time: Aug 07 12:04:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN072820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 31 12:17:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	1752	0.40	ng		-0.02
7) Naphthalene-d8	10.20	136	6052	0.40	ng		-0.01
13) Acenaphthene-d10	14.08	164	3140	0.40	ng		-0.01
19) Phenanthrene-d10	16.83	188	6414	0.40	ng		-0.01
29) Chrysene-d12	21.06	240	6054	0.40	ng		-0.01
36) Perylene-d12	23.18	264	7609	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.12	112	1690	0.37	ng		0.00
5) Phenol-d6	6.66	99	1731	0.31	ng		0.00
8) Nitrobenzene-d5	8.59	82	2059	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.79	152	3445	0.31	ng		-0.02
14) 2,4,6-Tribromophenol	15.60	330	466	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.69	172	5778	0.43	ng		-0.01
27) Fluoranthene-d10	18.88	212	6036	0.31	ng		0.00
31) Terphenyl-d14	19.50	244	7000	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.16	88	616	0.250	ng	#	27
3) n-Nitrosodimethylamine	3.49	42	326	0.258	ng	#	62
6) bis(2-Chloroethyl)ether	6.90	93	1313	0.282	ng		92
9) Naphthalene	10.25	128	5073	0.283	ng		99
10) Hexachlorobutadiene	10.54	225	1176	0.271	ng	#	100
12) 2-Methylnaphthalene	11.87	142	3815	0.300	ng		97
16) Acenaphthylene	13.80	152	4670	0.289	ng		100
17) Acenaphthene	14.14	154	2884	0.274	ng		99
18) Fluorene	15.14	166	3696	0.273	ng		98
20) 4,6-Dinitro-2-methylphenol	15.27	198	141	0.299	ng	#	81
21) 4-Bromophenyl-phenylether	16.04	248	1229	0.289	ng		94
22) Hexachlorobenzene	16.15	284	1408	0.292	ng		97
23) Atrazine	16.34	200	804	0.243	ng		98
24) Pentachlorophenol	16.51	266	843	0.563	ng		93
25) Phenanthrene	16.88	178	5731	0.275	ng		99
26) Anthracene	16.97	178	4999	0.288	ng		99
28) Fluoranthene	18.91	202	6662	0.281	ng		99
30) Pyrene	19.28	202	6583	0.241	ng		99
32) Benzo(a)anthracene	21.05	228	6406	0.316	ng		99
33) Chrysene	21.10	228	6748	0.297	ng		100
34) Bis(2-ethylhexyl)phthalate	21.00	149	2166	0.199	ng		98
35) Indeno(1,2,3-cd)pyrene	25.25	276	10232	0.460	ng		98
37) Benzo(b)fluoranthene	22.56	252	8371	0.276	ng		99
38) Benzo(k)fluoranthene	22.60	252	8110	0.243	ng		97
39) Benzo(a)pyrene	23.09	252	7081	0.269	ng		97
40) Dibenzo(a,h)anthracene	25.26	278	8909	0.327	ng		94
41) Benzo(g,h,i)perylene	25.87	276	9856	0.326	ng		97

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

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