Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095063.D
Acq On : 10 May 2017 19:02
Operator : SJ/MA
Sample : I3037-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HY-SB423BMS

Manual Integrations APPROVED
mohammad
5/11/2017 2:25:27 PM

Quant Time: May 11 07:40:10 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	87372	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	360650	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	166662	20.00	ng		-0.02
63) Phenanthrene-d10	14.96	188	304909	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	228330	20.00	ng		-0.02
86) Perylene-d12	20.30	264	179524	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	833448	159.04	ng		-0.01
7) Phenol-d6	7.27	99	1004605	159.77	ng		-0.01
23) Nitrobenzene-d5	8.62	82	587627	102.74	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	214796	157.37	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1112544	96.08	ng		-0.02
78) Terphenyl-d14	17.29	244	1011264	97.55	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	107871	41.97	ng		95
3) Pyridine	2.78	79	259169	43.51	ng		99
4) n-Nitrosodimethylamine	2.71	42	124092	49.98	ng		88
6) Aniline	7.21	93	292570	36.86	ng		95
8) 2-Chlorophenol	7.40	128	306503	51.38	ng		97
9) Benzaldehyde	7.04	77	33365	8.69	ng		95
10) Phenol	7.28	94	349791	52.79	ng		90
11) bis(2-Chloroethyl)ether	7.35	93	271065	49.55	ng		97
12) 1,3-Dichlorobenzene	7.61	146	324972	48.03	ng		99
13) 1,4-Dichlorobenzene	7.74	146	330085	48.10	ng		98
14) 1,2-Dichlorobenzene	7.97	146	311826	48.68	ng		96
15) Benzyl Alcohol	8.00	79	241275	59.66	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.20	45	361150	46.65	ng		95
17) 2-Methylphenol	8.22	107	249991	51.21	ng		95
18) Hexachloroethane	8.49	117	109101	46.94	ng	#	85
19) n-Nitroso-di-n-propylamine	8.42	70	207856	48.88	ng		94
20) 3+4-Methylphenols	8.47	107	325602	49.09	ng	#	58
22) Acetophenone	8.38	105	428941	49.57	ng	#	84
24) Nitrobenzene	8.64	77	298580	49.81	ng		95
25) Isophorone	9.04	82	522990	51.21	ng		95
26) 2-Nitrophenol	9.15	139	167211	51.69	ng		98
27) 2,4-Dimethylphenol	9.29	122	260180	49.75	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	342429	48.47	ng		99
29) 2,4-Dichlorophenol	9.58	162	259620	52.57	ng		99
30) 1,2,4-Trichlorobenzene	9.65	180	254413	48.09	ng		97
31) Naphthalene	9.77	128	870308	48.01	ng		100
32) Benzoic acid	9.62	122	159613	46.64	ng		98
33) 4-Chloroaniline	9.92	127	62015	9.18	ng		93
34) Hexachlorobutadiene	9.98	225	128600	46.07	ng		98
35) Caprolactam	10.54	113	77949m	52.57	ng		
36) 4-Chloro-3-methylphenol	10.77	107	264165	50.03	ng		89
37) 2-Methylnaphthalene	10.89	142	590658	49.65	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	230107	44.90	ng		100
40) Hexachlorocyclopentadiene	11.14	237	150749	70.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	160005	46.76	ng		94
43) 2,4,5-Trichlorophenol	11.49	196	157842	42.92	ng	#	94
45) 1,1'-Biphenyl	11.65	154	668744	47.66	ng		98
46) 2-Chloronaphthalene	11.67	162	537000	47.40	ng		95
47) 2-Nitroaniline	11.89	65	150359	48.49	ng	#	85
48) Acenaphthylene	12.33	152	864720	48.73	ng		99
49) Dimethylphthalate	12.21	163	760326	55.57	ng		99
50) 2,6-Dinitrotoluene	12.30	165	139919	50.13	ng		97
51) Acenaphthene	12.61	154	500868	47.25	ng		99
52) 3-Nitroaniline	12.57	138	64380	21.49	ng		90
53) 2,4-Dinitrophenol	12.77	184	72999	50.02	ng	#	68
54) Dibenzofuran	12.90	168	774023	52.77	ng		99
55) 4-Nitrophenol	12.97	139	183334	101.89	ng	#	70
56) 2,4-Dinitrotoluene	12.96	165	195524	54.51	ng	#	86
57) Fluorene	13.45	166	609646	47.80	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	130351m	56.31	ng		
59) Diethylphthalate	13.35	149	605765	46.19	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	267108	47.65	ng		93
61) 4-Nitroaniline	13.58	138	126975	46.17	ng		94
62) Azobenzene	13.74	77	572036	54.28	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	63378	31.01	ng	#	70
65) n-Nitrosodiphenylamine	13.69	169	520277	47.01	ng		98
66) 4-Bromophenyl-phenylether	14.27	248	152259	47.27	ng		99
67) Hexachlorobenzene	14.35	284	155247	47.03	ng	#	88
68) Atrazine	14.61	200	152828	48.91	ng		97
69) Pentachlorophenol	14.70	266	133988	89.05	ng		97
70) Phenanthrene	15.00	178	860847	49.14	ng		98
71) Anthracene	15.08	178	904069	50.52	ng		98
72) Carbazole	15.37	167	843936	51.83	ng		99
73) Di-n-butylphthalate	15.93	149	1023716	50.42	ng		99
74) Fluoranthene	16.74	202	904847	50.35	ng		99
76) Benzidine	16.97	184	214005	36.49	ng	#	93
77) Pyrene	17.04	202	911306	53.37	ng		99
79) Butylbenzylphthalate	17.95	149	418805	52.73	ng		88
80) Benzo(a)anthracene	18.62	228	658430	49.55	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	165971	36.16	ng	#	95
82) Chrysene	18.67	228	624040	48.57	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	577247	51.01	ng	#	100
84) Di-n-octyl phthalate	19.46	149	875688	47.20	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	552176	52.92	ng		99
87) Benzo(b)fluoranthene	19.89	252	530178	47.79	ng		97
88) Benzo(k)fluoranthene	19.92	252	523036m	48.88	ng		
89) Benzo(a)pyrene	20.24	252	514393	50.25	ng		98
90) Dibenzo(a,h)anthracene	21.59	278	461639	54.61	ng		98
91) Benzo(g,h,i)perylene	21.96	276	503968	60.75	ng		97

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

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