Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051117\
Data File : BF095093.D
Acq On : 11 May 2017 22:17
Operator : SJ/MA
Sample : I3062-14MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-03-COMPMSD

Manual Integrations APPROVED
mohammad
5/12/2017 3:36:09 PM

Quant Time: May 12 04:14:29 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	79688	20.00	ng		-0.02
21) Naphthalene-d8	9.72	136	359971	20.00	ng		-0.03
38) Acenaphthene-d10	12.55	164	170995	20.00	ng		-0.03
63) Phenanthrene-d10	14.96	188	309216	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	226124	20.00	ng		-0.02
86) Perylene-d12	20.29	264	171840	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	853128	178.49	ng		-0.02
7) Phenol-d6	7.26	99	1010197	176.15	ng		-0.02
23) Nitrobenzene-d5	8.61	82	568078	99.51	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	230174	164.36	ng		-0.02
44) 2-Fluorobiphenyl	11.50	172	1158571	97.52	ng		-0.03
78) Terphenyl-d14	17.28	244	926792	90.27	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	112576	48.02	ng		93
3) Pyridine	2.78	79	256334	47.18	ng		96
4) n-Nitrosodimethylamine	2.70	42	117265	51.78	ng		88
6) Aniline	7.21	93	215890	29.82	ng		95
8) 2-Chlorophenol	7.40	128	325686	59.87	ng		96
9) Benzaldehyde	7.05	77	33174	9.47	ng		98
10) Phenol	7.28	94	366892	60.71	ng		90
11) bis(2-Chloroethyl)ether	7.34	93	281499	56.42	ng		97
12) 1,3-Dichlorobenzene	7.61	146	307241	49.79	ng		99
13) 1,4-Dichlorobenzene	7.73	146	316878	50.63	ng		96
14) 1,2-Dichlorobenzene	7.97	146	312399	53.48	ng		97
15) Benzyl Alcohol	8.00	79	239586	64.95	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	355313	50.32	ng		95
17) 2-Methylphenol	8.22	107	248270	55.76	ng		96
18) Hexachloroethane	8.48	117	108358	51.11	ng		89
19) n-Nitroso-di-n-propylamine	8.42	70	213898	55.15	ng		96
20) 3+4-Methylphenols	8.48	107	325713	53.84	ng	#	57
22) Acetophenone	8.38	105	426374	49.37	ng	#	83
24) Nitrobenzene	8.64	77	296913	49.62	ng		92
25) Isophorone	9.04	82	542783	53.25	ng	#	94
26) 2-Nitrophenol	9.15	139	172765	53.51	ng		98
27) 2,4-Dimethylphenol	9.28	122	276432	52.96	ng		99
28) bis(2-Chloroethoxy)methane	9.41	93	358187	50.80	ng		100
29) 2,4-Dichlorophenol	9.57	162	272411	55.27	ng		98
30) 1,2,4-Trichlorobenzene	9.65	180	269230	50.99	ng		97
31) Naphthalene	9.76	128	916881	50.68	ng		100
32) Benzoic acid	9.55	122	23174	11.13	ng		95
33) 4-Chloroaniline	9.93	127	52177	7.74	ng	#	90
34) Hexachlorobutadiene	9.98	225	135094	48.49	ng		98
35) Caprolactam	10.54	113	86572m	58.49	ng		
36) 4-Chloro-3-methylphenol	10.77	107	294232	55.83	ng		89
37) 2-Methylnaphthalene	10.88	142	646367	54.44	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	254469	48.39	ng		99
40) Hexachlorocyclopentadiene	11.14	237	187540	84.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	185638	52.87	ng		97
43) 2,4,5-Trichlorophenol	11.48	196	179272	47.51	ng		92
45) 1,1'-Biphenyl	11.65	154	720766	50.06	ng		97
46) 2-Chloronaphthalene	11.67	162	583496	50.19	ng		96
47) 2-Nitroaniline	11.88	65	166056	52.19	ng	#	87
48) Acenaphthylene	12.32	152	941809	51.72	ng		99
49) Dimethylphthalate	12.21	163	892107	63.55	ng		98
50) 2,6-Dinitrotoluene	12.29	165	158849	55.47	ng		94
51) Acenaphthene	12.61	154	543067	49.93	ng		99
52) 3-Nitroaniline	12.57	138	74538	24.25	ng		90
53) 2,4-Dinitrophenol	12.77	184	64593	44.00	ng	#	69
54) Dibenzofuran	12.89	168	863236	57.36	ng		99
55) 4-Nitrophenol	12.96	139	197119	106.77	ng	#	72
56) 2,4-Dinitrotoluene	12.96	165	210934	57.32	ng	#	83
57) Fluorene	13.45	166	695973	53.18	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	149752	63.06	ng	#	94
59) Diethylphthalate	13.35	149	683019	50.76	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	303451	52.76	ng		89
61) 4-Nitroaniline	13.58	138	156537	55.47	ng		97
62) Azobenzene	13.74	77	658801	60.93	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	103657	50.01	ng	#	66
65) n-Nitrosodiphenylamine	13.69	169	596706	53.17	ng		98
66) 4-Bromophenyl-phenylether	14.26	248	156073	47.77	ng		95
67) Hexachlorobenzene	14.35	284	161672	48.29	ng	#	88
68) Atrazine	14.61	200	174817	55.17	ng		96
69) Pentachlorophenol	14.70	266	146188	95.36	ng		98
70) Phenanthrene	15.00	178	942197	53.03	ng		97
71) Anthracene	15.08	178	999190	55.06	ng		98
72) Carbazole	15.36	167	931890	56.44	ng		98
73) Di-n-butylphthalate	15.92	149	1086731	52.77	ng		99
74) Fluoranthene	16.74	202	886634	48.65	ng		97
76) Benzidine	16.96	184	333019	53.57	ng	#	94
77) Pyrene	17.04	202	895404	52.95	ng		99
79) Butylbenzylphthalate	17.94	149	419522	53.33	ng	#	87
80) Benzo(a)anthracene	18.62	228	699000	53.11	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	127236	27.99	ng	#	94
82) Chrysene	18.67	228	654935	51.47	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	587511	52.42	ng	#	98
84) Di-n-octyl phthalate	19.45	149	957949	52.13	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	524200	50.73	ng		99
87) Benzo(b)fluoranthene	19.89	252	545526	51.38	ng		98
88) Benzo(k)fluoranthene	19.92	252	586284m	57.24	ng		
89) Benzo(a)pyrene	20.24	252	520105	53.08	ng		98
90) Dibenzo(a,h)anthracene	21.59	278	437172	54.03	ng		98
91) Benzo(g,h,i)perylene	21.96	276	451297	56.83	ng		96

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

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