Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095791.D
Acq On : 8 Jun 2017 19:26
Operator : SJ/MA
Sample : I3541-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 09 11:42:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : RT-3460MS

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	68459	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	287602	20.00	ng		-0.03
38) Acenaphthene-d10	12.23	164	129791	20.00	ng		-0.03
63) Phenanthrene-d10	14.62	188	234597	20.00	ng		-0.02
75) Chrysene-d12	18.34	240	170849	20.00	ng		-0.02
86) Perylene-d12	20.00	264	135304	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	713140	165.99	ng		-0.01
7) Phenol-d6	6.95	99	862988	167.79	ng		-0.01
23) Nitrobenzene-d5	8.29	82	509299	109.98	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	174922	152.32	ng		-0.02
44) 2-Fluorobiphenyl	11.19	172	962749	103.22	ng		-0.03
78) Terphenyl-d14	17.00	244	777149	112.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	87235	42.68	ng		94
3) Pyridine	2.29	79	225880	47.02	ng		96
4) n-Nitrosodimethylamine	2.27	42	99277	54.36	ng	#	76
6) Aniline	6.87	93	256846	38.17	ng		92
8) 2-Chlorophenol	7.06	128	260541	57.04	ng		96
9) Benzaldehyde	6.67	77	103847	29.93	ng		94
10) Phenol	6.96	94	329689	61.79	ng		90
11) bis(2-Chloroethyl)ether	7.02	93	225678	53.39	ng		98
12) 1,3-Dichlorobenzene	7.27	146	269246	52.07	ng		98
13) 1,4-Dichlorobenzene	7.40	146	275199	52.48	ng		97
14) 1,2-Dichlorobenzene	7.63	146	262528	54.31	ng		97
15) Benzyl Alcohol	7.67	79	210467	59.62	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.87	45	326930	55.05	ng		97
17) 2-Methylphenol	7.90	107	220824	57.60	ng		94
18) Hexachloroethane	8.15	117	93203	53.82	ng	#	82
19) n-Nitroso-di-n-propylamine	8.11	70	184064	56.47	ng		95
20) 3+4-Methylphenols	8.16	107	286808	58.94	ng	#	60
22) Acetophenone	8.06	105	367145	54.54	ng	#	84
24) Nitrobenzene	8.32	77	256576	51.87	ng		92
25) Isophorone	8.72	82	467146	54.02	ng		97
26) 2-Nitrophenol	8.83	139	143772	55.50	ng		96
27) 2,4-Dimethylphenol	8.98	122	229896	57.19	ng		98
28) bis(2-Chloroethoxy)methane	9.10	93	307337	53.92	ng		100
29) 2,4-Dichlorophenol	9.25	162	221934	57.32	ng		98
30) 1,2,4-Trichlorobenzene	9.33	180	214392	53.22	ng		98
31) Naphthalene	9.43	128	747163	51.76	ng		99
33) 4-Chloroaniline	9.58	127	155065	27.49	ng	#	93
34) Hexachlorobutadiene	9.66	225	107014	51.41	ng		98
35) Caprolactam	10.23	113	68922m	59.83	ng		
36) 4-Chloro-3-methylphenol	10.47	107	230883	56.97	ng		88
37) 2-Methylnaphthalene	10.56	142	510699	52.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	199477	51.35	ng		99
40) Hexachlorocyclopentadiene	10.82	237	111742	90.12	ng		99
42) 2,4,6-Trichlorophenol	11.07	196	131248	52.55	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	139456	52.50	ng		94
45) 1,1'-Biphenyl	11.33	154	566239	52.93	ng		98
46) 2-Chloronaphthalene	11.35	162	440857	52.75	ng		95
47) 2-Nitroaniline	11.57	65	132573	54.20	ng	#	78
48) Acenaphthylene	12.00	152	697466	48.80	ng		99
49) Dimethylphthalate	11.90	163	737965	74.89	ng		98
50) 2,6-Dinitrotoluene	11.99	165	113514	52.81	ng	#	81
51) Acenaphthene	12.29	154	416277	50.43	ng		99
52) 3-Nitroaniline	12.24	138	96514	38.54	ng		90
53) 2,4-Dinitrophenol	12.49	184	13262	16.49	ng	#	75
54) Dibenzofuran	12.57	168	637298	54.86	ng		98
55) 4-Nitrophenol	12.64	139	115639	79.14	ng	#	71
56) 2,4-Dinitrotoluene	12.65	165	160310	55.22	ng	#	86
57) Fluorene	13.12	166	506663	50.12	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	100905	55.51	ng	#	91
59) Diethylphthalate	13.04	149	507434	53.51	ng		99
60) 4-Chlorophenyl-phenylether	13.15	204	222025	50.50	ng		91
61) 4-Nitroaniline	13.25	138	128215	54.83	ng		97
62) Azobenzene	13.41	77	465365	54.14	ng		94
64) 4,6-Dinitro-2-methylphenol	13.33	198	43979	28.52	ng	#	72
65) n-Nitrosodiphenylamine	13.37	169	434889	51.59	ng		98
66) 4-Bromophenyl-phenylether	13.93	248	127329	52.22	ng		95
67) Hexachlorobenzene	14.02	284	125889	52.40	ng	#	91
68) Atrazine	14.29	200	127429	54.32	ng		97
69) Pentachlorophenol	14.37	266	75357	82.50	ng		94
70) Phenanthrene	14.66	178	704712	52.06	ng		98
71) Anthracene	14.74	178	722763	51.15	ng		99
72) Carbazole	15.04	167	674982	49.01	ng		97
73) Di-n-butylphthalate	15.63	149	783355	53.47	ng		98
74) Fluoranthene	16.44	202	705146	52.63	ng		99
76) Benzidine	16.66	184	289221	44.08	ng	#	92
77) Pyrene	16.74	202	718988	56.40	ng		99
79) Butylbenzylphthalate	17.66	149	322431	57.91	ng		87
80) Benzo(a)anthracene	18.33	228	535090	53.87	ng		98
81) 3,3'-Dichlorobenzidine	18.31	252	127176	36.01	ng	#	96
82) Chrysene	18.37	228	510396	51.42	ng		98
83) Bis(2-ethylhexyl)phthalate	18.42	149	449211	57.20	ng	#	100
84) Di-n-octyl phthalate	19.18	149	688853	53.23	ng		96
85) Indeno(1,2,3-cd)pyrene	21.18	276	414657	48.82	ng		99
87) Benzo(b)fluoranthene	19.60	252	427318	50.44	ng		97
88) Benzo(k)fluoranthene	19.63	252	423117	52.25	ng		96
89) Benzo(a)pyrene	19.94	252	398211	51.14	ng		96
90) Dibenzo(a,h)anthracene	21.18	278	346538	52.46	ng		99
91) Benzo(g,h,i)perylene	21.50	276	365895	54.33	ng		97

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

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