Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042817\
Data File : BF094682.D
Acq On : 28 Apr 2017 14:38
Operator : SJ/MA
Sample : PB98544BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB98544BS

Manual Integrations APPROVED
mohammad
5/1/2017 6:35:07 PM

Quant Time: Apr 28 18:55:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	99863	20.00	ng		0.00
21) Naphthalene-d8	7.27	136	409843	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	190625	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	333954	20.00	ng		0.00
75) Chrysene-d12	14.47	240	266726	20.00	ng		0.00
86) Perylene-d12	16.09	264	195089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.34	112	987201	164.01	ng		0.04
7) Phenol-d6	5.41	99	1193667	168.21	ng		0.01
23) Nitrobenzene-d5	6.42	82	730649	110.08	ng		0.00
41) 2,4,6-Tribromophenol	10.38	330	253829	170.24	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1351249	104.30	ng		0.00
78) Terphenyl-d14	13.20	244	1200687	120.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	124605	35.60	ng		96
3) Pyridine	2.71	79	359631	47.01	ng		99
4) n-Nitrosodimethylamine	2.65	42	160886	50.82	ng		88
6) Aniline	5.41	93	245776	26.06	ng	#	38
8) 2-Chlorophenol	5.55	128	378596	55.27	ng		96
9) Benzaldehyde	5.28	77	99092	18.36	ng		96
10) Phenol	5.42	94	450728	51.70	ng		99
11) bis(2-Chloroethyl)ether	5.49	93	354764	55.71	ng		97
12) 1,3-Dichlorobenzene	5.71	146	403299	53.15	ng		98
13) 1,4-Dichlorobenzene	5.80	146	409960	53.70	ng		97
14) 1,2-Dichlorobenzene	5.97	146	371462	52.82	ng		96
15) Benzyl Alcohol	5.95	79	286248	54.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.10	45	449751	53.87	ng	#	45
17) 2-Methylphenol	6.10	107	302888	56.15	ng		94
18) Hexachloroethane	6.35	117	141129	53.92	ng		90
19) n-Nitroso-di-n-propylamine	6.27	70	258502	54.98	ng		94
20) 3+4-Methylphenols	6.28	107	412220	56.23	ng	#	62
22) Acetophenone	6.25	105	528447	53.03	ng	#	85
24) Nitrobenzene	6.45	77	373927	53.50	ng		94
25) Isophorone	6.74	82	667551	54.26	ng		95
26) 2-Nitrophenol	6.82	139	213537	56.87	ng		98
27) 2,4-Dimethylphenol	6.90	122	332621	54.53	ng		99
28) bis(2-Chloroethoxy)methane	6.99	93	433345	54.45	ng		99
29) 2,4-Dichlorophenol	7.12	162	325646	57.39	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	312680	53.30	ng		99
31) Naphthalene	7.29	128	1038345	52.70	ng		99
32) Benzoic acid	7.09	122	188961	58.58	ng		95
33) 4-Chloroaniline	7.38	127	80727	9.85	ng	#	93
34) Hexachlorobutadiene	7.44	225	158091	54.05	ng		99
35) Caprolactam	7.85	113	112392m	63.05	ng		
36) 4-Chloro-3-methylphenol	8.00	107	338425	56.91	ng		92
37) 2-Methylnaphthalene	8.13	142	727949	54.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	283166	52.17	ng		99
40) Hexachlorocyclopentadiene	8.32	237	266259	121.25	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	213463	56.00	ng		100
43) 2,4,5-Trichlorophenol	8.55	196	218181	55.74	ng	#	92
45) 1,1'-Biphenyl	8.71	154	833753	53.53	ng		99
46) 2-Chloronaphthalene	8.72	162	663281	53.56	ng		95
47) 2-Nitroaniline	8.87	65	184025	51.66	ng	#	83
48) Acenaphthylene	9.22	152	1038748	53.81	ng		99
49) Dimethylphthalate	9.10	163	807726	56.86	ng		100
50) 2,6-Dinitrotoluene	9.17	165	177286	55.60	ng		94
51) Acenaphthene	9.44	154	614036	53.10	ng		99
52) 3-Nitroaniline	9.38	138	69668	18.88	ng		91
53) 2,4-Dinitrophenol	9.52	184	166990	95.32	ng	#	63
54) Dibenzofuran	9.65	168	910093	54.15	ng		96
55) 4-Nitrophenol	9.65	139	318460m	122.19	ng		
56) 2,4-Dinitrotoluene	9.67	165	236307	60.40	ng	#	90
57) Fluorene	10.08	166	696308	53.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	163779	58.37	ng		94
59) Diethylphthalate	9.97	149	753434	56.21	ng		98
60) 4-Chlorophenyl-phenylether	10.08	204	300969	55.26	ng		90
61) 4-Nitroaniline	10.14	138	166664	44.44	ng		96
62) Azobenzene	10.28	77	715634	54.99	ng		95
64) 4,6-Dinitro-2-methylphenol	10.18	198	119248	54.50	ng	#	68
65) n-Nitrosodiphenylamine	10.24	169	651341	56.08	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	187054	56.41	ng		97
67) Hexachlorobenzene	10.75	284	190085	56.88	ng	#	89
68) Atrazine	10.91	200	196504	56.56	ng		97
69) Pentachlorophenol	11.01	266	171422	129.18	ng		98
70) Phenanthrene	11.25	178	1026823	54.60	ng		99
71) Anthracene	11.32	178	1070058	55.01	ng		98
72) Carbazole	11.52	167	977396	53.53	ng		98
73) Di-n-butylphthalate	11.97	149	1192157	59.30	ng		99
74) Fluoranthene	12.71	202	1058700	54.32	ng		99
76) Benzidine	12.89	184	354500	32.83	ng	#	92
77) Pyrene	12.99	202	1078440	57.87	ng		99
79) Butylbenzylphthalate	13.81	149	506076	61.97	ng	#	86
80) Benzo(a)anthracene	14.46	228	867224	55.94	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	149527	27.25	ng	#	97
82) Chrysene	14.51	228	774775	54.68	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	683060	62.29	ng	#	98
84) Di-n-octyl phthalate	15.28	149	1096328	59.61	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	612956	45.47	ng		100
87) Benzo(b)fluoranthene	15.70	252	714270	59.85	ng		97
88) Benzo(k)fluoranthene	15.73	252	648210	57.40	ng	#	94
89) Benzo(a)pyrene	16.04	252	617781	55.64	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	508768	55.19	ng		99
91) Benzo(g,h,i)perylene	17.76	276	506034	53.91	ng		98

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

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