Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099152.D
Acq On : 6 Oct 2017 17:28
Operator : SJ/JU
Sample : PB102940BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102940BS

Manual Integrations APPROVED
Sohil
10/9/2017 6:32:44 PM

Quant Time: Oct 06 23:15:54 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125539	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	521851	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	235367	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	415050	20.00	ng		0.00
75) Chrysene-d12	14.03	240	253977	20.00	ng		0.00
86) Perylene-d12	15.50	264	202916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	945252	119.86	ng		0.02
7) Phenol-d6	6.50	99	1144811	117.68	ng		0.00
23) Nitrobenzene-d5	7.43	82	691727	85.01	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	238991	124.09	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1275312	90.46	ng		0.00
78) Terphenyl-d14	12.97	244	1061414	95.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	123965	32.91	ng		97
3) Pyridine	3.49	79	356413	34.97	ng		98
4) n-Nitrosodimethylamine	3.45	42	151140	34.97	ng		84
6) Aniline	6.53	93	393587	29.98	ng		98
8) 2-Chlorophenol	6.65	128	343752	38.49	ng		98
9) Benzaldehyde	6.42	77	143944	25.51	ng		96
10) Phenol	6.52	94	431538	39.66	ng		96
11) bis(2-Chloroethyl)ether	6.60	93	326080	38.55	ng		98
12) 1,3-Dichlorobenzene	6.80	146	361440	38.64	ng		98
13) 1,4-Dichlorobenzene	6.88	146	369211	38.80	ng		99
14) 1,2-Dichlorobenzene	7.03	146	343675	39.09	ng		98
15) Benzyl Alcohol	7.01	79	277434	38.87	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	482388	36.61	ng		97
17) 2-Methylphenol	7.12	107	289023	39.55	ng		98
18) Hexachloroethane	7.37	117	129998	38.01	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	221473	35.66	ng		94
20) 3+4-Methylphenols	7.27	107	343944	37.21	ng	#	83
22) Acetophenone	7.27	105	455843	36.05	ng	#	97
24) Nitrobenzene	7.45	77	348239	37.73	ng		95
25) Isophorone	7.69	82	649112	38.58	ng		99
26) 2-Nitrophenol	7.76	139	192348	43.33	ng		93
27) 2,4-Dimethylphenol	7.80	122	324902	38.76	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	413298	39.42	ng		99
29) 2,4-Dichlorophenol	8.00	162	288423	40.07	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	289064	40.16	ng		98
31) Naphthalene	8.17	128	966311	39.43	ng		100
32) Benzoic acid	7.92	122	186818	27.13	ng		98
33) 4-Chloroaniline	8.22	127	199612	19.50	ng		98
34) Hexachlorobutadiene	8.28	225	141637	38.20	ng		99
35) Caprolactam	8.59	113	106039m	45.93	ng		
36) 4-Chloro-3-methylphenol	8.70	107	303985	37.58	ng		96
37) 2-Methylnaphthalene	8.86	142	669552	42.02	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	261358	37.23	ng		100
40) Hexachlorocyclopentadiene	9.01	237	192723	60.08	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	189448	38.10	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	195631	39.41	ng		94
45) 1,1'-Biphenyl	9.32	154	770928	38.11	ng		100
46) 2-Chloronaphthalene	9.35	162	605300	39.85	ng		97
47) 2-Nitroaniline	9.45	65	183687	39.50	ng		99
48) Acenaphthylene	9.77	152	926487	39.85	ng		100
49) Dimethylphthalate	9.62	163	711315	40.04	ng		99
50) 2,6-Dinitrotoluene	9.69	165	162275	41.96	ng		97
51) Acenaphthene	9.94	154	547513	37.18	ng		100
52) 3-Nitroaniline	9.86	138	119752	26.56	ng		93
53) 2,4-Dinitrophenol	9.97	184	106015	54.64	ng		93
54) Dibenzofuran	10.11	168	819743	41.80	ng		100
55) 4-Nitrophenol	10.02	139	257669	67.58	ng		93
56) 2,4-Dinitrotoluene	10.09	165	211497	42.14	ng		98
57) Fluorene	10.45	166	639716	40.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	146084	42.60	ng		98
59) Diethylphthalate	10.32	149	679924	39.17	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	282622	39.92	ng		98
61) 4-Nitroaniline	10.47	138	180544	41.50	ng		91
62) Azobenzene	10.60	77	651811	40.84	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	85019	33.67	ng		82
65) n-Nitrosodiphenylamine	10.56	169	576682	40.11	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	164734	40.55	ng		90
67) Hexachlorobenzene	11.00	284	168118	38.75	ng		98
68) Atrazine	11.09	200	182009	42.07	ng		99
69) Pentachlorophenol	11.19	266	162345	60.12	ng		97
70) Phenanthrene	11.42	178	907145	40.83	ng		98
71) Anthracene	11.47	178	933668	41.07	ng		99
72) Carbazole	11.62	167	863116	38.77	ng		99
73) Di-n-butylphthalate	11.95	149	1058464	39.50	ng		98
74) Fluoranthene	12.60	202	902833	40.13	ng		98
76) Benzidine	12.72	184	342329	36.44	ng		97
77) Pyrene	12.83	202	916395	47.32	ng		99
79) Butylbenzylphthalate	13.44	149	419304	46.07	ng		99
80) Benzo(a)anthracene	14.02	228	637836	41.47	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	144360	25.61	ng		96
82) Chrysene	14.06	228	603295	41.20	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	552278	44.07	ng	#	99
84) Di-n-octyl phthalate	14.60	149	782615	38.78	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	554664	47.36	ng		96
87) Benzo(b)fluoranthene	15.07	252	488513	39.16	ng		98
88) Benzo(k)fluoranthene	15.10	252	492039	39.93	ng		98
89) Benzo(a)pyrene	15.44	252	471766	41.19	ng	#	98
90) Dibenzo(a,h)anthracene	17.00	278	461782	50.38	ng		98
91) Benzo(g,h,i)perylene	17.44	276	491195	54.22	ng		98

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

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