Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040317\
Data File : BF094120.D
Acq On : 3 Apr 2017 14:59
Operator : SJ/MA
Sample : PB97987BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97987BS

Manual Integrations APPROVED
mohammad
4/4/2017 5:33:54 PM

Quant Time: Apr 04 01:26:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.89	152	170605	20.00	ng		-0.02
21) Naphthalene-d8	7.39	136	689569	20.00	ng		-0.02
38) Acenaphthene-d10	9.53	164	321805	20.00	ng		-0.02
63) Phenanthrene-d10	11.36	188	572554	20.00	ng		-0.02
75) Chrysene-d12	14.62	240	450289	20.00	ng		-0.01
86) Perylene-d12	16.24	264	328346	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	4.43	112	1285138	127.23	ng		0.00
7) Phenol-d6	5.50	99	1596223	127.74	ng		0.00
23) Nitrobenzene-d5	6.54	82	1014501	83.96	ng		-0.02
41) 2,4,6-Tribromophenol	10.52	330	364254	143.24	ng		0.00
44) 2-Fluorobiphenyl	8.72	172	1878794	89.05	ng		-0.01
78) Terphenyl-d14	13.34	244	1610506	80.17	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	166513	34.31	ng		97
3) Pyridine	2.78	79	486375	36.77	ng		97
4) n-Nitrosodimethylamine	2.74	42	230087	42.28	ng		89
6) Aniline	5.52	93	478298	27.52	ng	#	1
8) 2-Chlorophenol	5.66	128	503798	45.38	ng		97
9) Benzaldehyde	5.38	77	383929	45.50	ng		97
10) Phenol	5.52	94	592222	41.65	ng		86
11) bis(2-Chloroethyl)ether	5.60	93	472886	42.55	ng		98
12) 1,3-Dichlorobenzene	5.82	146	540905	43.43	ng		100
13) 1,4-Dichlorobenzene	5.91	146	543361	43.08	ng		97
14) 1,2-Dichlorobenzene	6.09	146	505873	43.55	ng		95
15) Benzyl Alcohol	6.06	79	409467	44.77	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.22	45	656228	38.32	ng		96
17) 2-Methylphenol	6.20	107	419304	44.10	ng		97
18) Hexachloroethane	6.47	117	194013	43.76	ng	#	82
19) n-Nitroso-di-n-propylamine	6.37	70	352942	43.95	ng		98
20) 3+4-Methylphenols	6.39	107	549913	47.75	ng	#	62
22) Acetophenone	6.36	105	704314	45.83	ng	#	86
24) Nitrobenzene	6.56	77	520209	43.65	ng		94
25) Isophorone	6.85	82	929424	43.77	ng		96
26) 2-Nitrophenol	6.94	139	286492	50.41	ng		100
27) 2,4-Dimethylphenol	7.01	122	463202	47.30	ng		97
28) bis(2-Chloroethoxy)methane	7.11	93	606761	43.34	ng		99
29) 2,4-Dichlorophenol	7.23	162	444999	48.60	ng		97
30) 1,2,4-Trichlorobenzene	7.33	180	427581	45.34	ng		98
31) Naphthalene	7.42	128	1426366	43.02	ng		99
32) Benzoic acid	7.16	122	141141	21.65	ng		95
33) 4-Chloroaniline	7.49	127	286806	21.34	ng		94
34) Hexachlorobutadiene	7.57	225	217496	44.97	ng		98
35) Caprolactam	7.93	113	143496m	49.15	ng		
36) 4-Chloro-3-methylphenol	8.11	107	472432	49.38	ng		88
37) 2-Methylnaphthalene	8.26	142	1016860	46.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.47	216	372015	42.26	ng		99
40) Hexachlorocyclopentadiene	8.46	237	374843	90.99	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.62	196	301515	48.41	ng		100
43) 2,4,5-Trichlorophenol	8.67	196	301843	44.79	ng		94
45) 1,1'-Biphenyl	8.84	154	1127330	43.43	ng		98
46) 2-Chloronaphthalene	8.86	162	899297	44.26	ng		95
47) 2-Nitroaniline	8.99	65	274332	45.51	ng	#	84
48) Acenaphthylene	9.36	152	1421377	42.09	ng		99
49) Dimethylphthalate	9.23	163	1083160	47.35	ng		99
50) 2,6-Dinitrotoluene	9.29	165	250245	47.72	ng		94
51) Acenaphthene	9.58	154	845208	42.90	ng		99
52) 3-Nitroaniline	9.49	138	160982	26.14	ng		89
53) 2,4-Dinitrophenol	9.63	184	194268	69.86	ng	#	71
54) Dibenzofuran	9.79	168	1226276	45.72	ng		100
55) 4-Nitrophenol	9.75	139	376168	78.01	ng	#	71
56) 2,4-Dinitrotoluene	9.79	165	301319	45.74	ng	#	65
57) Fluorene	10.21	166	944331	42.45	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.95	232	222867	48.20	ng		98
59) Diethylphthalate	10.10	149	1058696	46.83	ng		99
60) 4-Chlorophenyl-phenylether	10.22	204	408133	43.07	ng		88
61) 4-Nitroaniline	10.26	138	278825	47.19	ng		95
62) Azobenzene	10.42	77	1026754	48.01	ng		95
64) 4,6-Dinitro-2-methylphenol	10.29	198	149828	42.73	ng	#	74
65) n-Nitrosodiphenylamine	10.37	169	896531	45.28	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	260751	46.31	ng		95
67) Hexachlorobenzene	10.89	284	266695	46.79	ng	#	93
68) Atrazine	11.05	200	267364	45.08	ng		97
69) Pentachlorophenol	11.14	266	228059	64.28	ng		99
70) Phenanthrene	11.39	178	1397962	43.89	ng		99
71) Anthracene	11.46	178	1451481	44.26	ng		99
72) Carbazole	11.66	167	1371188	40.78	ng		98
73) Di-n-butylphthalate	12.11	149	1660491	47.48	ng		100
74) Fluoranthene	12.86	202	1467028	44.98	ng		98
76) Benzidine	13.03	184	869176	48.77	ng	#	93
77) Pyrene	13.13	202	1465177	44.84	ng		99
79) Butylbenzylphthalate	13.95	149	695891	49.98	ng	#	87
80) Benzo(a)anthracene	14.60	228	1200988	45.74	ng		100
81) 3,3'-Dichlorobenzidine	14.57	252	200080	21.32	ng	#	95
82) Chrysene	14.65	228	1038226	42.61	ng		99
83) Bis(2-ethylhexyl)phthalate	14.66	149	945016	49.75	ng	#	100
84) Di-n-octyl phthalate	15.42	149	1509699	47.57	ng		97
85) Indeno(1,2,3-cd)pyrene	17.59	276	814347	38.59	ng		99
87) Benzo(b)fluoranthene	15.84	252	955308	47.47	ng		98
88) Benzo(k)fluoranthene	15.87	252	916029	46.52	ng		97
89) Benzo(a)pyrene	16.19	252	867888	46.83	ng		99
90) Dibenzo(a,h)anthracene	17.61	278	682559	43.49	ng		98
91) Benzo(g,h,i)perylene	17.99	276	687183	43.44	ng		98

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

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