Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
Data File : BF092473.D
Acq On : 25 Jan 2017 13:42
Operator : SJ/MA
Sample : PB96140BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB96140BS

Quant Time: Jan 26 14:09:17 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	181068	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	718663	20.00	ng		-0.01
38) Acenaphthene-d10	10.03	164	410312	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	653575	20.00	ng		-0.01
75) Chrysene-d12	14.16	240	542626	20.00	ng		-0.01
86) Perylene-d12	15.63	264	434354	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1128552	96.97	ng		0.02
7) Phenol-d6	6.59	99	1568400	105.80	ng		0.00
23) Nitrobenzene-d5	7.54	82	1031562	78.41	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	300222	107.37	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1623339	73.16	ng		-0.01
78) Terphenyl-d14	13.10	244	1387045	68.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	209157	33.79	ng	#	81
3) Pyridine	3.47	79	569017	32.29	ng		85
4) n-Nitrosodimethylamine	3.42	42	313070	36.22	ng		84
6) Aniline	6.62	93	360227	16.29	ng	#	46
8) 2-Chlorophenol	6.75	128	479652	39.24	ng		93
9) Benzaldehyde	6.51	77	327647	31.15	ng		90
10) Phenol	6.60	94	561147	31.36	ng		83
11) bis(2-Chloroethyl)ether	6.70	93	534754	39.94	ng		93
12) 1,3-Dichlorobenzene	6.91	146	562388m	38.90	ng		
13) 1,4-Dichlorobenzene	6.99	146	574016	39.45	ng		93
14) 1,2-Dichlorobenzene	7.14	146	505207	36.60	ng		99
15) Benzyl Alcohol	7.10	79	485149	43.43	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	972616	36.73	ng		93
17) 2-Methylphenol	7.22	107	435650	41.71	ng		96
18) Hexachloroethane	7.48	117	194941	38.89	ng	#	87
19) n-Nitroso-di-n-propylamine	7.39	70	392085	38.84	ng		95
20) 3+4-Methylphenols	7.38	107	536854	42.37	ng		93
22) Acetophenone	7.38	105	702588	41.05	ng	#	86
24) Nitrobenzene	7.55	77	541603	39.30	ng		100
25) Isophorone	7.80	82	1077945	41.58	ng		99
26) 2-Nitrophenol	7.87	139	261812	45.33	ng		93
27) 2,4-Dimethylphenol	7.92	122	510552	42.51	ng		93
28) bis(2-Chloroethoxy)methane	8.01	93	629759	37.01	ng		99
29) 2,4-Dichlorophenol	8.11	162	443070	42.55	ng		87
30) 1,2,4-Trichlorobenzene	8.20	180	450630	40.04	ng		95
31) Naphthalene	8.28	128	1381031	37.55	ng		99
32) Benzoic acid	8.04	122	344364	39.30	ng		96
33) 4-Chloroaniline	8.33	127	135479	8.71	ng		98
34) Hexachlorobutadiene	8.41	225	248541	40.37	ng		98
35) Caprolactam	8.72	113	169802m	48.83	ng		
36) 4-Chloro-3-methylphenol	8.82	107	505188	44.99	ng		90
37) 2-Methylnaphthalene	8.98	142	961231	41.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	460812	44.52	ng		99
40) Hexachlorocyclopentadiene	9.14	237	434184	83.77	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	351368	44.31	ng		94
43) 2,4,5-Trichlorophenol	9.30	196	318217	43.86	ng	#	87
45) 1,1'-Biphenyl	9.45	154	1146256	38.65	ng		97
46) 2-Chloronaphthalene	9.47	162	881291	36.38	ng		94
47) 2-Nitroaniline	9.56	65	303008	37.14	ng		93
48) Acenaphthylene	9.89	152	1506286	42.39	ng		98
49) Dimethylphthalate	9.76	163	1142126	43.77	ng		100
50) 2,6-Dinitrotoluene	9.81	165	257580	48.30	ng	#	91
51) Acenaphthene	10.06	154	998149	45.21	ng		97
52) 3-Nitroaniline	9.97	138	99032	14.83	ng		95
53) 2,4-Dinitrophenol	10.09	184	268622	77.37	ng	#	79
54) Dibenzofuran	10.24	168	1216046	40.56	ng		97
55) 4-Nitrophenol	10.14	139	470974	88.79	ng	#	74
56) 2,4-Dinitrotoluene	10.21	165	305058	43.09	ng	#	89
57) Fluorene	10.58	166	867022	39.00	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.35	232	239971	44.14	ng		100
59) Diethylphthalate	10.45	149	1010570	40.39	ng		100
60) 4-Chlorophenyl-phenylether	10.57	204	426176	39.53	ng		98
61) 4-Nitroaniline	10.60	138	266600	39.91	ng		95
62) Azobenzene	10.73	77	1222306	42.93	ng		93
64) 4,6-Dinitro-2-methylphenol	10.62	198	168978	47.98	ng	#	59
65) n-Nitrosodiphenylamine	10.69	169	853826	41.83	ng		100
66) 4-Bromophenyl-phenylether	11.06	248	257813	39.07	ng		91
67) Hexachlorobenzene	11.13	284	268513	40.25	ng	#	92
68) Atrazine	11.22	200	249341	35.69	ng		98
69) Pentachlorophenol	11.32	266	325801	76.39	ng		98
70) Phenanthrene	11.54	178	1371563	38.11	ng		99
71) Anthracene	11.60	178	1488182	42.31	ng		99
72) Carbazole	11.74	167	1229601	36.61	ng		99
73) Di-n-butylphthalate	12.09	149	1678071	43.70	ng	#	95
74) Fluoranthene	12.73	202	1343360	38.16	ng		98
76) Benzidine	12.85	184	431148	21.40	ng		98
77) Pyrene	12.96	202	1422799	36.19	ng		99
79) Butylbenzylphthalate	13.59	149	723654	45.43	ng	#	74
80) Benzo(a)anthracene	14.15	228	1123968	38.54	ng		99
81) 3,3'-Dichlorobenzidine	14.11	252	164643	14.87	ng	#	96
82) Chrysene	14.18	228	1129074	36.25	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	847684	42.26	ng	#	95
84) Di-n-octyl phthalate	14.75	149	1608111	44.16	ng		98
85) Indeno(1,2,3-cd)pyrene	17.12	276	988228	42.89	ng	#	94
87) Benzo(b)fluoranthene	15.21	252	1295805	46.47	ng	#	95
88) Benzo(k)fluoranthene	15.23	252	926638m	39.96	ng		
89) Benzo(a)pyrene	15.57	252	1033662	43.82	ng		99
90) Dibenzo(a,h)anthracene	17.14	278	832850	43.66	ng		98
91) Benzo(g,h,i)perylene	17.56	276	816647	42.33	ng	#	90

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

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