

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092592.D
 Acq On : 27 Jan 2017 22:48
 Operator : SJ/MA
 Sample : I1448-06MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHA-SB-02-2-4MSD

Quant Time: Jan 28 04:34:08 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	6.98	152	184918	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	764227	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	396524	20.00	ng	0.01
63) Phenanthrene-d10	11.53	188	595129	20.00	ng	0.00
75) Chrysene-d12	14.17	240	377485	20.00	ng	0.00
86) Perylene-d12	15.65	264	350429	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	1432944	120.56	ng	0.05
7) Phenol-d6	6.62	99	1923158	127.03	ng	0.03
23) Nitrobenzene-d5	7.55	82	1220225	87.22	ng	0.01
41) 2,4,6-Tribromophenol	10.84	330	359143	132.91	ng	0.02
44) 2-Fluorobiphenyl	9.36	172	1859115	86.70	ng	0.00
78) Terphenyl-d14	13.12	244	1432949	101.08	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.69	88	213911	33.84	ng	# 82
3) Pyridine	3.45	79	612699	34.05	ng	# 81
4) n-Nitrosodimethylamine	3.42	42	334996	37.95	ng	85
6) Aniline	6.64	93	299959	13.28	ng	# 72
8) 2-Chlorophenol	6.77	128	537017	43.02	ng	84
9) Benzaldehyde	6.52	77	284835	26.51	ng	98
10) Phenol	6.65	94	761617	41.68	ng	# 69
11) bis(2-Chloroethyl)ether	6.72	93	607229	44.41	ng	98
12) 1,3-Dichlorobenzene	6.91	146	585850m	39.68	ng	
13) 1,4-Dichlorobenzene	6.99	146	599087	40.32	ng	98
14) 1,2-Dichlorobenzene	7.15	146	591048	41.93	ng	96
15) Benzyl Alcohol	7.13	79	508001	44.53	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	944208	34.91	ng	73
17) 2-Methylphenol	7.24	107	475261	44.55	ng	96
18) Hexachloroethane	7.49	117	216304	42.26	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	421232	40.86	ng	# 93
20) 3+4-Methylphenols	7.40	107	604107	46.68	ng	# 75
22) Acetophenone	7.39	105	826014	45.38	ng	# 98
24) Nitrobenzene	7.56	77	590764	40.31	ng	100
25) Isophorone	7.80	82	1127788	40.91	ng	95
26) 2-Nitrophenol	7.88	139	312294	50.85	ng	96
27) 2,4-Dimethylphenol	7.93	122	511125	40.02	ng	99
28) bis(2-Chloroethoxy)methane	8.02	93	787793	43.53	ng	100
29) 2,4-Dichlorophenol	8.13	162	513342	46.35	ng	93
30) 1,2,4-Trichlorobenzene	8.21	180	524939	43.86	ng	100
31) Naphthalene	8.29	128	1647621	42.12	ng	99
32) Benzoic acid	8.01	122	53317	9.73	ng	97
33) 4-Chloroaniline	8.34	127	106675	6.45	ng	98
34) Hexachlorobutadiene	8.41	225	277113	42.33	ng	100
35) Caprolactam	8.72	113	163385m	44.18	ng	
36) 4-Chloro-3-methylphenol	8.84	107	488158	40.88	ng	97
37) 2-Methylnaphthalene	8.99	142	1127992	45.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	482085	48.20	ng	100
40) Hexachlorocyclopentadiene	9.14	237	352117	70.30	ng	97

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42) 2,4,6-Trichlorophenol	9.28	196	363250	47.40	ng	93
43) 2,4,5-Trichlorophenol	9.32	196	353790	50.45	ng #	88
45) 1,1'-Biphenyl	9.46	154	1393632	48.62	ng	99
46) 2-Chloronaphthalene	9.48	162	1008052	43.06	ng	98
47) 2-Nitroaniline	9.58	65	372854	47.29	ng	91
48) Acenaphthylene	9.90	152	1624788	47.32	ng	99
49) Dimethylphthalate	9.77	163	1680962	66.66	ng	99
50) 2,6-Dinitrotoluene	9.82	165	261581	50.75	ng #	86
51) Acenaphthene	10.08	154	1033275	48.43	ng	98
52) 3-Nitroaniline	10.00	138	140395	21.75	ng	90
53) 2,4-Dinitrophenol	10.10	184	139130	52.33	ng #	71
54) Dibenzofuran	10.25	168	1403540	48.44	ng	94
55) 4-Nitrophenol	10.18	139	357393	69.72	ng	95
56) 2,4-Dinitrotoluene	10.22	165	339088	49.57	ng	91
57) Fluorene	10.59	166	1040393	48.43	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.36	232	255048	48.55	ng	96
59) Diethylphthalate	10.46	149	1161614	48.04	ng	97
60) 4-Chlorophenyl-phenylether	10.58	204	484182	46.47	ng #	86
61) 4-Nitroaniline	10.62	138	295097	45.71	ng	82
62) Azobenzene	10.74	77	1233359	44.83	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	125403	40.02	ng #	33
65) n-Nitrosodiphenylamine	10.70	169	951434	51.19	ng	99
66) 4-Bromophenyl-phenylether	11.07	248	283989	47.26	ng	94
67) Hexachlorobenzene	11.14	284	291252	47.95	ng	95
68) Atrazine	11.23	200	268734	42.24	ng	99
69) Pentachlorophenol	11.33	266	248701	64.04	ng	96
70) Phenanthrene	11.55	178	1334346	40.71	ng	99
71) Anthracene	11.61	178	1605245	50.12	ng	98
72) Carbazole	11.77	167	1448040	47.35	ng	98
73) Di-n-butylphthalate	12.09	149	1697941	48.56	ng #	97
74) Fluoranthene	12.74	202	1377772	42.98	ng	98
76) Benzidine	12.86	184	368921	26.33	ng	96
77) Pyrene	12.97	202	1409895	51.55	ng	99
79) Butylbenzylphthalate	13.59	149	610650	55.11	ng	100
80) Benzo(a)anthracene	14.16	228	1006448	49.61	ng	100
81) 3,3'-Dichlorobenzidine	14.12	252	230947	29.98	ng #	96
82) Chrysene	14.20	228	1007096	46.48	ng	98
83) Bis(2-ethylhexyl)phthalate	14.15	149	881488	63.17	ng #	97
84) Di-n-octyl phthalate	14.76	149	1396088	55.11	ng	99
85) Indeno(1,2,3-cd)pyrene	17.16	276	1010840	63.06	ng	95
87) Benzo(b)fluoranthene	15.22	252	900553	40.03	ng	98
88) Benzo(k)fluoranthene	15.25	252	915327m	48.93	ng	
89) Benzo(a)pyrene	15.60	252	877235	46.09	ng	99
90) Dibenzo(a,h)anthracene	17.19	278	854566	55.53	ng	96
91) Benzo(g,h,i)perylene	17.62	276	841524	54.07	ng #	94

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

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