

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052517\
 Data File : BM010222.D
 Acq On : 25 May 2017 18:08
 Operator : SJ/MA
 Sample : PB99275BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99275BS

Quant Time: May 26 05:15:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM051917.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 20 04:25:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	132937	20.00	ng	-0.03
21) Naphthalene-d8	10.75	136	458462	20.00	ng	-0.04
38) Acenaphthene-d10	14.58	164	279332	20.00	ng	-0.03
63) Phenanthrene-d10	17.32	188	584239	20.00	ng	-0.03
75) Chrysene-d12	21.49	240	744951	20.00	ng	-0.02
86) Perylene-d12	23.84	264	908556	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	1120215	152.17	ng	-0.03
7) Phenol-d6	7.14	99	1345039	141.99	ng	-0.03
23) Nitrobenzene-d5	9.13	82	924976	108.85	ng	-0.04
41) 2,4,6-Tribromophenol	16.07	330	588239	138.65	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2328028	107.14	ng	-0.04
78) Terphenyl-d14	19.92	244	2920923	89.15	ng	-0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	153320	45.33	ng	# 100
3) Pyridine	3.84	79	398166	43.97	ng	# 88
4) n-Nitrosodimethylamine	3.76	42	206548	63.07	ng	# 78
6) Aniline	7.30	93	306602	26.12	ng	91
8) 2-Chlorophenol	7.52	128	355264	44.36	ng	95
9) Benzaldehyde	7.10	77	90350	15.32	ng	84
10) Phenol	7.16	94	443952	44.47	ng	95
11) bis(2-Chloroethyl)ether	7.38	93	316700	42.56	ng	99
12) 1,3-Dichlorobenzene	7.83	146	431908	42.44	ng	# 90
13) 1,4-Dichlorobenzene	7.98	146	447756	42.83	ng	96
14) 1,2-Dichlorobenzene	8.30	146	421141	41.96	ng	96
15) Benzyl Alcohol	8.21	79	335941	46.87	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	260154	35.56	ng	76
17) 2-Methylphenol	8.40	107	289585	40.77	ng	# 81
18) Hexachloroethane	9.02	117	155861	45.99	ng	# 74
19) n-Nitroso-di-n-propylamine	8.75	70	296994	44.42	ng	94
20) 3+4-Methylphenols	8.73	107	396891	41.37	ng	85
22) Acetophenone	8.79	105	539958	45.95	ng	# 97
24) Nitrobenzene	9.17	77	458954	52.43	ng	94
25) Isophorone	9.68	82	707174	48.16	ng	# 91
26) 2-Nitrophenol	9.87	139	182254	49.39	ng	# 56
27) 2,4-Dimethylphenol	9.93	122	292617	43.92	ng	# 78
28) bis(2-Chloroethoxy)methane	10.16	93	404014	43.36	ng	99
29) 2,4-Dichlorophenol	10.40	162	375648	48.97	ng	100
30) 1,2,4-Trichlorobenzene	10.60	180	471282	47.48	ng	99
31) Naphthalene	10.80	128	1020980	41.63	ng	100
32) Benzoic acid	10.07	122	178930	39.41	ng	# 86
33) 4-Chloroaniline	10.96	127	106903	11.31	ng	# 82
34) Hexachlorobutadiene	11.05	225	335456	50.67	ng	97
35) Caprolactam	11.75	113	79498	36.12	ng	# 80
36) 4-Chloro-3-methylphenol	12.06	107	339702	40.89	ng	86
37) 2-Methylnaphthalene	12.40	142	802188	45.43	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	532408	49.57	ng	# 100
40) Hexachlorocyclopentadiene	12.72	237	789929	127.36	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	323291	51.10	ng	96
43) 2,4,5-Trichlorophenol	13.09	196	332114	47.51	ng #	94
45) 1,1'-Biphenyl	13.41	154	1068794	46.53	ng	99
46) 2-Chloronaphthalene	13.46	162	851105	45.76	ng	97
47) 2-Nitroaniline	13.70	65	224836	47.01	ng #	79
48) Acenaphthylene	14.31	152	1244100	45.24	ng	99
49) Dimethylphthalate	14.04	163	1007460	40.43	ng #	98
50) 2,6-Dinitrotoluene	14.17	165	208841	44.14	ng #	83
51) Acenaphthene	14.64	154	755899	44.22	ng	98
52) 3-Nitroaniline	14.53	138	158468	36.04	ng #	70
53) 2,4-Dinitrophenol	14.72	184	263140	83.41	ng #	85
54) Dibenzofuran	14.98	168	1269667	47.23	ng	96
55) 4-Nitrophenol	14.83	139	258596	73.07	ng #	20
56) 2,4-Dinitrotoluene	14.96	165	275708	41.19	ng #	90
57) Fluorene	15.63	166	1023770	43.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.20	232	303051	50.89	ng #	100
59) Diethylphthalate	15.39	149	926230	39.32	ng	97
60) 4-Chlorophenyl-phenylether	15.62	204	574736	43.79	ng	98
61) 4-Nitroaniline	15.69	138	154042	34.51	ng #	16
62) Azobenzene	15.91	77	959411	55.39	ng	88
64) 4,6-Dinitro-2-methylphenol	15.71	198	171263	47.98	ng	78
65) n-Nitrosodiphenylamine	15.84	169	839528	47.95	ng	99
66) 4-Bromophenyl-phenylether	16.51	248	372293	49.78	ng	96
67) Hexachlorobenzene	16.60	284	402766	44.32	ng	94
68) Atrazine	16.78	200	312546	47.08	ng	98
69) Pentachlorophenol	16.97	266	465494	93.27	ng	99
70) Phenanthrene	17.37	178	1477639	45.20	ng	100
71) Anthracene	17.46	178	1519552	46.84	ng	99
72) Carbazole	17.74	167	1229602	42.81	ng	98
73) Di-n-butylphthalate	18.26	149	1367529	40.16	ng #	98
74) Fluoranthene	19.37	202	1716769	40.45	ng	97
76) Benzidine	19.58	184	1209563	88.03	ng	99
77) Pyrene	19.74	202	1747235	43.75	ng	99
79) Butylbenzylphthalate	20.61	149	589772	39.89	ng #	84
80) Benzo(a)anthracene	21.47	228	1850300	45.07	ng	99
81) 3,3'-Dichlorobenzidine	21.41	252	506806	30.69	ng #	95
82) Chrysene	21.52	228	1664537	42.75	ng	99
83) Bis(2-ethylhexyl)phthalate	21.35	149	852575	38.56	ng #	97
84) Di-n-octyl phthalate	22.26	149	1513199	38.23	ng #	99
85) Indeno(1,2,3-cd)pyrene	26.26	276	3458255	60.56	ng #	100
87) Benzo(b)fluoranthene	23.12	252	2277222	42.83	ng #	91
88) Benzo(k)fluoranthene	23.17	252	2244855	43.09	ng #	95
89) Benzo(a)pyrene	23.74	252	2323888	45.86	ng #	97
90) Dibenzo(a,h)anthracene	26.27	278	2883728	50.90	ng #	92
91) Benzo(g,h,i)perylene	27.01	276	2848275	51.30	ng #	86

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

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