

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010176.D
 Acq On : 24 May 2017 12:27
 Operator : SJ/MA
 Sample : PB99209BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB99209BS

Quant Time: May 25 05:24:18 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	122459	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	414441	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	265800	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	647506	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1022987	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1173957	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	595395	87.80	ng	-0.02
7) Phenol-d6	7.14	99	743659	85.22	ng	-0.03
23) Nitrobenzene-d5	9.14	82	772573	100.57	ng	-0.03
41) 2,4,6-Tribromophenol	16.08	330	371327	91.98	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	1980627	95.79	ng	-0.03
78) Terphenyl-d14	19.93	244	3441656	76.50	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	119424	38.33	ng	# 100
3) Pyridine	3.85	79	317483	38.06	ng	90
4) n-Nitrosodimethylamine	3.76	42	161308	53.47	ng	# 80
6) Aniline	7.30	93	308462	28.53	ng	90
8) 2-Chlorophenol	7.53	128	313960	42.55	ng	96
9) Benzaldehyde	7.12	77	89179	16.42	ng	89
10) Phenol	7.17	94	393980	42.84	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	270356	39.44	ng	95
12) 1,3-Dichlorobenzene	7.83	146	379961	40.53	ng	# 92
13) 1,4-Dichlorobenzene	7.99	146	387440	40.23	ng	94
14) 1,2-Dichlorobenzene	8.30	146	367447	39.75	ng	96
15) Benzyl Alcohol	8.22	79	306167	46.37	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.47	45	226079	33.55	ng	78
17) 2-Methylphenol	8.41	107	262922	40.18	ng	# 84
18) Hexachloroethane	9.02	117	130665	41.85	ng	# 75
19) n-Nitroso-di-n-propylamine	8.76	70	260823	42.35	ng	92
20) 3+4-Methylphenols	8.75	107	351217	39.74	ng	88
22) Acetophenone	8.79	105	473680	44.59	ng	# 97
24) Nitrobenzene	9.18	77	400118	50.56	ng	93
25) Isophorone	9.69	82	622752	46.92	ng	# 90
26) 2-Nitrophenol	9.89	139	150272	45.05	ng	# 57
27) 2,4-Dimethylphenol	9.93	122	271495	45.08	ng	86
28) bis(2-Chloroethoxy)methane	10.17	93	349942	41.54	ng	99
29) 2,4-Dichlorophenol	10.41	162	339948	49.02	ng	100
30) 1,2,4-Trichlorobenzene	10.61	180	407561	45.42	ng	98
31) Naphthalene	10.81	128	895231	40.38	ng	99
32) Benzoic acid	10.07	122	169364	41.26	ng	91
33) 4-Chloroaniline	10.95	127	110225	12.91	ng	# 85
34) Hexachlorobutadiene	11.06	225	282206	47.15	ng	98
35) Caprolactam	11.75	113	78455	39.43	ng	# 74
36) 4-Chloro-3-methylphenol	12.06	107	323842	43.12	ng	86
37) 2-Methylnaphthalene	12.41	142	708291	44.37	ng	# 94
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	477161	46.68	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	681070	115.40	ng	100

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42) 2,4,6-Trichlorophenol	13.02	196	291973	48.50	nq	96
43) 2,4,5-Trichlorophenol	13.10	196	313632	47.15	nq #	94
45) 1,1'-Biphenyl	13.42	154	974343	44.58	nq	98
46) 2-Chloronaphthalene	13.47	162	765070	43.23	nq	97
47) 2-Nitroaniline	13.70	65	212107	46.61	nq #	80
48) Acenaphthylene	14.32	152	1171838	44.78	nq	98
49) Dimethylphthalate	14.05	163	986105	41.59	nq #	98
50) 2,6-Dinitrotoluene	14.18	165	204825	45.50	nq #	81
51) Acenaphthene	14.65	154	710903	43.70	nq	100
52) 3-Nitroaniline	14.53	138	115028	27.49	nq #	67
53) 2,4-Dinitrophenol	14.72	184	252456	84.05	nq #	86
54) Dibenzofuran	14.99	168	1220032	47.69	nq	96
55) 4-Nitrophenol	14.84	139	303449	90.11	nq #	27
56) 2,4-Dinitrotoluene	14.96	165	290975	45.68	nq #	81
57) Fluorene	15.63	166	991257	44.56	nq	100
58) 2,3,4,6-Tetrachlorophenol	15.21	232	305274	53.88	nq #	100
59) Diethylphthalate	15.40	149	931476	41.55	nq	98
60) 4-Chlorophenyl-phenylether	15.62	204	559427	44.79	nq	99
61) 4-Nitroaniline	15.70	138	167118	39.34	nq #	25
62) Azobenzene	15.92	77	927928	56.30	nq	88
64) 4,6-Dinitro-2-methylphenol	15.72	198	177410	44.85	nq	77
65) n-Nitrosodiphenylamine	15.84	169	850085	43.81	nq	98
66) 4-Bromophenyl-phenylether	16.52	248	370673	44.72	nq	94
67) Hexachlorobenzene	16.61	284	414481	41.16	nq	95
68) Atrazine	16.79	200	348673	47.39	nq	97
69) Pentachlorophenol	16.97	266	514595	93.03	nq	98
70) Phenanthrene	17.37	178	1606914	44.36	nq	100
71) Anthracene	17.46	178	1637748	45.55	nq	100
72) Carbazole	17.75	167	1425594	44.79	nq	99
73) Di-n-butylphthalate	18.27	149	1532565	40.61	nq #	98
74) Fluoranthene	19.37	202	2091047	44.45	nq	97
76) Benzidine	19.58	184	1288074	68.26	nq	98
77) Pyrene	19.74	202	2179684	39.74	nq	99
79) Butylbenzylphthalate	20.62	149	772775	38.06	nq #	86
80) Benzo(a)anthracene	21.47	228	2522653	44.74	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	705304	31.10	nq #	97
82) Chrysene	21.53	228	2300262	43.02	nq	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1146399	37.76	nq #	99
84) Di-n-octyl phthalate	22.26	149	2169399	39.91	nq #	98
85) Indeno(1,2,3-cd)pyrene	26.27	276	4111652	52.44	nq #	100
87) Benzo(b)fluoranthene	23.13	252	3067829	44.65	nq #	92
88) Benzo(k)fluoranthene	23.18	252	2998125	44.54	nq #	95
89) Benzo(a)pyrene	23.75	252	3003345	45.87	nq #	97
90) Dibenzo(a,h)anthracene	26.29	278	3464874	47.33	nq #	92
91) Benzo(g,h,i)perylene	27.03	276	3356430	46.79	nq #	86

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

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