

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052417\
 Data File : BM010184.D
 Acq On : 24 May 2017 17:14
 Operator : SJ/MA
 Sample : I3290-05MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TP-3-TP-4MS

Quant Time: May 25 05:27:06 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	142700	20.00	ng	-0.02
21) Naphthalene-d8	10.76	136	483022	20.00	ng	-0.03
38) Acenaphthene-d10	14.59	164	291681	20.00	ng	-0.02
63) Phenanthrene-d10	17.33	188	672259	20.00	ng	-0.02
75) Chrysene-d12	21.49	240	1026930	20.00	ng	-0.02
86) Perylene-d12	23.85	264	1157793	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1116584	141.30	ng	-0.02
7) Phenol-d6	7.14	99	1245487	122.49	ng	-0.03
23) Nitrobenzene-d5	9.14	82	984460	109.96	ng	-0.03
41) 2,4,6-Tribromophenol	16.07	330	682077	153.97	ng	-0.02
44) 2-Fluorobiphenyl	13.20	172	2440210	107.55	ng	-0.03
78) Terphenyl-d14	19.93	244	3818995	84.56	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.44	88	150490	41.45	ng	# 100
3) Pyridine	3.85	79	309089	31.80	ng	91
4) n-Nitrosodimethylamine	3.76	42	197028	56.05	ng	# 75
6) Aniline	7.31	93	193787	15.38	ng	94
8) 2-Chlorophenol	7.53	128	374642	43.58	ng	95
9) Benzaldehyde	7.11	77	67788	10.71	ng	82
10) Phenol	7.17	94	414938	38.72	ng	92
11) bis(2-Chloroethyl)ether	7.39	93	340612	42.64	ng	96
12) 1,3-Dichlorobenzene	7.83	146	441301	40.39	ng	# 88
13) 1,4-Dichlorobenzene	7.99	146	457798	40.79	ng	96
14) 1,2-Dichlorobenzene	8.30	146	437635	40.62	ng	96
15) Benzyl Alcohol	8.22	79	363915	47.30	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.47	45	278736	35.49	ng	74
17) 2-Methylphenol	8.41	107	302345	39.65	ng	# 86
18) Hexachloroethane	9.02	117	156129	42.91	ng	# 73
19) n-Nitroso-di-n-propylamine	8.76	70	312312	43.52	ng	96
20) 3+4-Methylphenols	8.75	107	398590	38.71	ng	88
22) Acetophenone	8.79	105	579002	46.76	ng	# 98
24) Nitrobenzene	9.18	77	490932	53.23	ng	93
25) Isophorone	9.69	82	756726	48.91	ng	# 93
26) 2-Nitrophenol	9.89	139	187873	48.32	ng	# 65
27) 2,4-Dimethylphenol	9.93	122	316395	45.07	ng	# 79
28) bis(2-Chloroethoxy)methane	10.17	93	430701	43.87	ng	99
29) 2,4-Dichlorophenol	10.41	162	401447	49.67	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	493075	47.15	ng	98
31) Naphthalene	10.81	128	1124654	43.53	ng	99
32) Benzoic acid	10.07	122	192333	40.21	ng	# 77
33) 4-Chloroaniline	10.96	127	49805	5.00	ng	# 78
34) Hexachlorobutadiene	11.06	225	347014	49.75	ng	99
35) Caprolactam	11.76	113	74991	32.34	ng	# 86
36) 4-Chloro-3-methylphenol	12.06	107	373865	42.71	ng	87
37) 2-Methylnaphthalene	12.41	142	857994	46.12	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.76	216	564536	50.33	ng	# 100
40) Hexachlorocyclopentadiene	12.73	237	818987	126.46	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.02	196	350523	53.06	nq	99
43) 2,4,5-Trichlorophenol	13.09	196	364614	49.95	nq	# 91
45) 1,1'-Biphenyl	13.42	154	1163601	48.51	nq	100
46) 2-Chloronaphthalene	13.46	162	918516	47.30	nq	96
47) 2-Nitroaniline	13.70	65	243054	48.67	nq	82
48) Acenaphthylene	14.31	152	1386415	48.28	nq	100
49) Dimethylphthalate	14.05	163	1129836	43.42	nq	# 98
50) 2,6-Dinitrotoluene	14.18	165	235780	47.72	nq	# 81
51) Acenaphthene	14.64	154	844541	47.31	nq	98
52) 3-Nitroaniline	14.53	138	130023	28.32	nq	# 72
53) 2,4-Dinitrophenol	14.72	184	301598	90.94	nq	# 86
54) Dibenzofuran	14.99	168	1419247	50.56	nq	96
55) 4-Nitrophenol	14.84	139	306775	83.02	nq	# 30
56) 2,4-Dinitrotoluene	14.96	165	332024	47.50	nq	# 87
57) Fluorene	15.63	166	1146098	46.95	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.21	232	340559	54.77	nq	# 100
59) Diethylphthalate	15.40	149	1066100	43.34	nq	97
60) 4-Chlorophenyl-phenylether	15.62	204	646951	47.20	nq	97
61) 4-Nitroaniline	15.70	138	174538	37.44	nq	# 25
62) Azobenzene	15.92	77	1074651	59.41	nq	89
64) 4,6-Dinitro-2-methylphenol	15.72	198	198695	48.38	nq	76
65) n-Nitrosodiphenylamine	15.84	169	920201	45.67	nq	100
66) 4-Bromophenyl-phenylether	16.52	248	423093	49.16	nq	93
67) Hexachlorobenzene	16.61	284	470476	45.00	nq	96
68) Atrazine	16.79	200	254469	33.31	nq	98
69) Pentachlorophenol	16.97	266	571725	99.55	nq	98
70) Phenanthrene	17.37	178	1788959	47.56	nq	100
71) Anthracene	17.46	178	1840027	49.30	nq	99
72) Carbazole	17.74	167	1414661	42.81	nq	99
73) Di-n-butylphthalate	18.27	149	1689441	43.12	nq	# 97
74) Fluoranthene	19.37	202	2241195	45.89	nq	97
76) Benzidine	19.58	184	442008	23.34	nq	99
77) Pyrene	19.74	202	2323299	42.20	nq	99
79) Butylbenzylphthalate	20.62	149	818319	40.15	nq	# 90
80) Benzo(a)anthracene	21.47	228	2682043	47.39	nq	99
81) 3,3'-Dichlorobenzidine	21.42	252	377911	16.60	nq	# 96
82) Chrysene	21.53	228	2443366	45.52	nq	99
83) Bis(2-ethylhexyl)phthalate	21.36	149	1208105	39.64	nq	# 98
84) Di-n-octyl phthalate	22.26	149	2248873	41.21	nq	# 98
85) Indeno(1,2,3-cd)pyrene	26.27	276	4598416	58.42	nq	# 100
87) Benzo(b)fluoranthene	23.13	252	3323102	49.04	nq	# 94
88) Benzo(k)fluoranthene	23.17	252	3234458	48.72	nq	# 95
89) Benzo(a)pyrene	23.74	252	3268958	50.63	nq	# 97
90) Dibenzo(a,h)anthracene	26.28	278	3905669	54.09	nq	# 92
91) Benzo(g,h,i)perylene	27.03	276	3743214	52.91	nq	# 86

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

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