

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009329.D
 Acq On : 22 Mar 2017 21:47
 Operator : SJ/MA
 Sample : I2296-02
 Misc : L00 20 PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-SOIL-02-QT2-2017

Quant Time: Mar 23 04:11:14 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	184141	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	710191	20.00	ng	0.00
38) Acenaphthene-d10	14.50	164	415505	20.00	ng	0.00
63) Phenanthrene-d10	17.25	188	950391	20.00	ng	0.00
75) Chrysene-d12	21.43	240	1209001	20.00	ng	0.00
86) Perylene-d12	23.75	264	1114533	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1496880	135.50	ng	0.00
7) Phenol-d6	7.02	99	2021485	134.19	ng	0.00
23) Nitrobenzene-d5	9.03	82	1827744	96.49	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	751086	145.51	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	3429542	99.46	ng	0.00
78) Terphenyl-d14	19.87	244	5393937	93.23	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	102352	18.42	ng	# 100
3) Pyridine	3.76	79	301776	19.22	ng	# 82
4) n-Nitrosodimethylamine	3.68	42	160476	19.20	ng	# 64
6) Aniline	7.19	93	401708	19.62	ng	# 88
8) 2-Chlorophenol	7.42	128	224957	20.08	ng	# 82
9) Benzaldehyde	7.01	77	234072	19.74	ng	# 80
10) Phenol	7.05	94	322614	19.76	ng	# 94
11) bis(2-Chloroethyl)ether	7.29	93	259761	19.41	ng	# 82
12) 1,3-Dichlorobenzene	7.75	146	266142	19.85	ng	# 85
13) 1,4-Dichlorobenzene	7.90	146	271412	19.59	ng	# 94
14) 1,2-Dichlorobenzene	8.21	146	263264	19.56	ng	# 93
15) Benzyl Alcohol	8.10	79	255877	19.43	ng	# 87
16) 2,2'-oxybis(1-Chloropropan	8.39	45	452972	19.48	ng	# 99
17) 2-Methylphenol	8.29	107	209203	19.59	ng	# 84
18) Hexachloroethane	8.93	117	111398	19.65	ng	# 89
19) n-Nitroso-di-n-propylamine	8.66	70	234741	19.33	ng	# 92
20) 3+4-Methylphenols	8.62	107	285391	19.65	ng	# 91
22) Acetophenone	8.69	105	389671	19.45	ng	# 90
24) Nitrobenzene	9.07	77	371460	20.02	ng	# 88
25) Isophorone	9.59	82	574159	19.87	ng	# 88
26) 2-Nitrophenol	9.77	139	111800	19.98	ng	# 51
27) 2,4-Dimethylphenol	9.83	122	198390	19.38	ng	# 84
28) bis(2-Chloroethoxy)methane	10.07	93	345220	19.30	ng	# 97
29) 2,4-Dichlorophenol	10.30	162	215504	20.13	ng	# 92
30) 1,2,4-Trichlorobenzene	10.52	180	260096	19.58	ng	# 98
31) Naphthalene	10.71	128	732370	19.43	ng	# 99
32) Benzoic acid	9.92	122	127171	18.26	ng	# 74
33) 4-Chloroaniline	10.82	127	290809	20.00	ng	# 79
34) Hexachlorobutadiene	10.98	225	179645	19.75	ng	# 98
35) Caprolactam	11.60	113	63080	19.30	ng	# 56
36) 4-Chloro-3-methylphenol	11.93	107	238542	19.70	ng	# 78
37) 2-Methylnaphthalene	12.32	142	502624	19.32	ng	# 93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	311673	19.87	ng	# 100
40) Hexachlorocyclopentadiene	12.66	237	169587	18.84	ng	# 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.93	196	176408	19.67	nq	96
43) 2,4,5-Trichlorophenol	12.99	196	195521	19.54	nq	# 87
45) 1,1'-Biphenyl	13.33	154	683579	19.77	nq	95
46) 2-Chloronaphthalene	13.37	162	535112	19.92	nq	96
47) 2-Nitroaniline	13.59	65	187721	18.97	nq	# 71
48) Acenaphthylene	14.23	152	873302	19.96	nq	97
49) Dimethylphthalate	13.96	163	636739	19.96	nq	# 99
50) 2,6-Dinitrotoluene	14.08	165	134568	19.57	nq	# 66
51) Acenaphthene	14.57	154	517202	19.59	nq	99
52) 3-Nitroaniline	14.42	138	134442	19.85	nq	# 48
53) 2,4-Dinitrophenol	14.62	184	70568	19.65	nq	94
54) Dibenzofuran	14.90	168	773851	19.82	nq	94
55) 4-Nitrophenol	14.71	139	107632	19.23	nq	# 6
56) 2,4-Dinitrotoluene	14.87	165	183462	19.72	nq	# 98
57) Fluorene	15.55	166	689512	19.65	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.12	232	170778	20.18	nq	# 100
59) Diethylphthalate	15.32	149	648212	20.03	nq	98
60) 4-Chlorophenyl-phenylether	15.54	204	361665	19.74	nq	98
61) 4-Nitroaniline	15.58	138	139529	18.97	nq	# 26
62) Azobenzene	15.84	77	759439	20.10	nq	87
64) 4,6-Dinitro-2-methylphenol	15.63	198	109100	18.22	nq	90
65) n-Nitrosodiphenylamine	15.76	169	566186	19.61	nq	99
66) 4-Bromophenyl-phenylether	16.44	248	221174	20.09	nq	# 93
67) Hexachlorobenzene	16.55	284	239090	19.81	nq	# 93
68) Atrazine	16.71	200	214630	19.77	nq	99
69) Pentachlorophenol	16.90	266	134731	18.27	nq	99
70) Phenanthrene	17.29	178	1063348	19.57	nq	99
71) Anthracene	17.39	178	1078040	19.59	nq	99
72) Carbazole	17.66	167	1049004	19.91	nq	100
73) Di-n-butylphthalate	18.20	149	1053144	19.57	nq	# 96
74) Fluoranthene	19.30	202	1266576	19.68	nq	97
76) Benzidine	19.49	184	657719	18.25	nq	99
77) Pyrene	19.67	202	1353507	19.74	nq	100
79) Butylbenzylphthalate	20.56	149	490941	19.88	nq	# 77
80) Benzo(a)anthracene	21.41	228	1400259	19.83	nq	98
81) 3,3'-Dichlorobenzidine	21.34	252	547833	20.72	nq	# 97
82) Chrysene	21.46	228	1321164	19.60	nq	98
83) Bis(2-ethylhexyl)phthalate	21.32	149	737261	20.01	nq	99
84) Di-n-octyl phthalate	22.22	149	1228808	20.04	nq	# 90
85) Indeno(1,2,3-cd)pyrene	26.13	276	1452457	19.75	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	1384840	19.60	nq	# 95
88) Benzo(k)fluoranthene	23.09	252	1341142	19.74	nq	# 98
89) Benzo(a)pyrene	23.65	252	1294061	19.78	nq	98
90) Dibenzo(a,h)anthracene	26.13	278	1263167	19.71	nq	# 95
91) Benzo(g,h,i)perylene	26.86	276	1216233	19.47	nq	# 91

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

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