

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121616\
 Data File : BF091678.D
 Acq On : 16 Dec 2016 17:47
 Operator : UM/SJ
 Sample : H6029-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IDW-SOIL-01MS

Quant Time: Dec 16 23:15:46 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 00:35:41 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	159543	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	667104	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	355978	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	592000	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	469409	20.00	ng	-0.01
86) Perylene-d12	15.32	264	377448	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1543651	163.01	ng	0.01
7) Phenol-d6	6.42	99	1902079	161.11	ng	-0.01
23) Nitrobenzene-d5	7.34	82	1270506	106.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	472070	159.66	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1901004	92.27	ng	-0.01
78) Terphenyl-d14	12.88	244	1738059	84.02	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.38	88	203139	40.64	ng	92
3) Pyridine	3.07	79	548348	41.18	ng	85
4) n-Nitrosodimethylamine	3.04	42	301107	52.63	ng	# 80
6) Aniline	6.44	93	298699	19.30	ng	# 36
8) 2-Chlorophenol	6.57	128	565878	52.94	ng	95
9) Benzaldehyde	6.32	77	103230	12.71	ng	85
10) Phenol	6.44	94	724585	52.49	ng	93
11) bis(2-Chloroethyl)ether	6.52	93	554712	53.49	ng	# 80
12) 1,3-Dichlorobenzene	6.72	146	597395	51.54	ng	98
13) 1,4-Dichlorobenzene	6.80	146	600136	52.49	ng	98
14) 1,2-Dichlorobenzene	6.94	146	538354	52.25	ng	99
15) Benzyl Alcohol	6.92	79	492220	52.81	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.06	45	765266	47.62	ng	81
17) 2-Methylphenol	7.05	107	487046	55.07	ng	# 74
18) Hexachloroethane	7.29	117	224812	50.38	ng	# 87
19) n-Nitroso-di-n-propylamine	7.20	70	416388	56.40	ng	# 85
20) 3+4-Methylphenols	7.20	107	573594	61.18	ng	# 75
22) Acetophenone	7.18	105	845287	52.89	ng	# 95
24) Nitrobenzene	7.36	77	618260	48.96	ng	93
25) Isophorone	7.61	82	1181699	55.62	ng	98
26) 2-Nitrophenol	7.68	139	291208	52.25	ng	91
27) 2,4-Dimethylphenol	7.72	122	482658	49.30	ng	96
28) bis(2-Chloroethoxy)methane	7.81	93	677317	54.35	ng	100
29) 2,4-Dichlorophenol	7.93	162	496901	58.34	ng	96
30) 1,2,4-Trichlorobenzene	8.01	180	499218	51.57	ng	97
31) Naphthalene	8.09	128	1660569	53.50	ng	99
32) Benzoic acid	7.84	122	145005	23.43	ng	99
33) 4-Chloroaniline	8.13	127	151199	11.31	ng	99
34) Hexachlorobutadiene	8.20	225	270367	48.72	ng	97
35) Caprolactam	8.51	113	151791m	61.02	ng	
36) 4-Chloro-3-methylphenol	8.64	107	571531	59.83	ng	92
37) 2-Methylnaphthalene	8.77	142	1015443	50.55	ng	# 95
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	464020	47.53	ng	98
40) Hexachlorocyclopentadiene	8.93	237	484081	111.21	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	331571m	52.85	nq	
43) 2,4,5-Trichlorophenol	9.10	196	344803m	53.49	nq	
45) 1,1'-Biphenyl	9.24	154	1362538	52.84	nq	97
46) 2-Chloronaphthalene	9.26	162	1014011	50.79	nq	99
47) 2-Nitroaniline	9.36	65	320973	47.81	nq	# 84
48) Acenaphthylene	9.68	152	1446756	47.53	nq	99
49) Dimethylphthalate	9.55	163	1416777	62.85	nq	99
50) 2,6-Dinitrotoluene	9.61	165	279559	56.51	nq	# 90
51) Acenaphthene	9.85	154	1079410	51.06	nq	97
52) 3-Nitroaniline	9.77	138	118456	20.38	nq	92
53) 2,4-Dinitrophenol	9.88	184	240666	81.77	nq	# 84
54) Dibenzofuran	10.02	168	1279545	48.92	nq	96
55) 4-Nitrophenol	9.95	139	456581	105.60	nq	90
56) 2,4-Dinitrotoluene	10.01	165	317825	51.25	nq	# 50
57) Fluorene	10.36	166	994154	54.21	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	288092	57.08	nq	94
59) Diethylphthalate	10.25	149	1231708	56.75	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	492718	52.39	nq	99
61) 4-Nitroaniline	10.38	138	244247	42.29	nq	81
62) Azobenzene	10.51	77	1308100	53.19	nq	88
64) 4,6-Dinitro-2-methylphenol	10.42	198	204392	56.31	nq	# 53
65) n-Nitrosodiphenylamine	10.48	169	892510	50.57	nq	99
66) 4-Bromophenyl-phenylether	10.84	248	287483	47.37	nq	92
67) Hexachlorobenzene	10.91	284	328309	52.02	nq	# 86
68) Atrazine	11.01	200	334104	58.87	nq	95
69) Pentachlorophenol	11.10	266	349319	98.35	nq	94
70) Phenanthrene	11.32	178	1642718	56.03	nq	99
71) Anthracene	11.37	178	1480728	46.83	nq	100
72) Carbazole	11.53	167	1450942	52.35	nq	99
73) Di-n-butylphthalate	11.86	149	1704580	52.79	nq	# 98
74) Fluoranthene	12.50	202	1490516	48.56	nq	96
76) Benzidine	12.62	184	262604	18.09	nq	98
77) Pyrene	12.73	202	1494563	40.13	nq	99
79) Butylbenzylphthalate	13.36	149	791875	54.55	nq	99
80) Benzo(a)anthracene	13.92	228	1233280	45.24	nq	99
81) 3,3'-Dichlorobenzidine	13.88	252	275146	28.11	nq	99
82) Chrysene	13.95	228	1130366	39.63	nq	99
83) Bis(2-ethylhexyl)phthalate	13.92	149	954741	51.26	nq	99
84) Di-n-octyl phthalate	14.52	149	1622464	51.32	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.67	276	1065206	41.50	nq	97
87) Benzo(b)fluoranthene	14.93	252	1205736m	53.59	nq	
88) Benzo(k)fluoranthene	14.96	252	938413m	47.43	nq	
89) Benzo(a)pyrene	15.27	252	1024752	50.55	nq	98
90) Dibenzo(a,h)anthracene	16.69	278	870621	47.95	nq	# 94
91) Benzo(g,h,i)perylene	17.08	276	885352	47.91	nq	99

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

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