

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082420.D
 Acq On : 21 Oct 2015 22:51
 Operator : UM/IZ
 Sample : G4071-03MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2MS

Quant Time: Oct 22 10:59:36 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	118746	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	462611	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	243159	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	449424	20.00	ng	0.00
75) Chrysene-d12	13.97	240	377896	20.00	ng	-0.05
86) Perylene-d12	15.44	264	284026	20.00	ng	-0.09

System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	680568	115.67	ng	0.02
7) Phenol-d6	6.42	99	865160	112.99	ng	0.00
23) Nitrobenzene-d5	7.35	82	659410	95.72	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	266000	116.65	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1318987	89.96	ng	0.00
78) Terphenyl-d14	12.89	244	1146960	80.43	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.51	88	93240	31.54	ng	# 85
3) Pyridine	3.19	79	175282m	25.49	ng	
4) n-Nitrosodimethylamine	3.12	42	103738	35.58	ng	93
6) Aniline	6.43	93	148623	15.06	ng	# 1
8) 2-Chlorophenol	6.56	128	286916	39.95	ng	92
9) Benzaldehyde	6.32	77	51886	13.27	ng	99
10) Phenol	6.43	94	323611	36.66	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	283461	37.97	ng	94
12) 1,3-Dichlorobenzene	6.71	146	312690	37.38	ng	99
13) 1,4-Dichlorobenzene	6.79	146	331715	37.97	ng	98
14) 1,2-Dichlorobenzene	6.94	146	292615	35.28	ng	98
15) Benzyl Alcohol	6.93	79	230552	43.62	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	394722	37.97	ng	78
17) 2-Methylphenol	7.04	107	221717	39.04	ng	96
18) Hexachloroethane	7.28	117	110624	37.00	ng	# 87
19) n-Nitroso-di-n-propylamine	7.20	70	204127	37.96	ng	97
20) 3+4-Methylphenols	7.20	107	277060	40.94	ng	# 74
22) Acetophenone	7.19	105	393924	43.05	ng	# 92
24) Nitrobenzene	7.36	77	273628	36.70	ng	98
25) Isophorone	7.60	82	562844	40.48	ng	100
26) 2-Nitrophenol	7.68	139	165163	44.36	ng	95
27) 2,4-Dimethylphenol	7.73	122	271655	45.29	ng	96
28) bis(2-Chloroethoxy)methane	7.82	93	358898	44.36	ng	99
29) 2,4-Dichlorophenol	7.93	162	260298	43.41	ng	94
30) 1,2,4-Trichlorobenzene	8.00	180	277184	40.10	ng	98
31) Naphthalene	8.08	128	814956	40.64	ng	100
32) Benzoic acid	7.87	122	149625	37.17	ng	96
33) 4-Chloroaniline	8.14	127	117762	14.14	ng	99
34) Hexachlorobutadiene	8.19	225	164710	38.24	ng	99
35) Caprolactam	8.51	113	68119m	39.14	ng	
36) 4-Chloro-3-methylphenol	8.63	107	258889	44.15	ng	99
37) 2-Methylnaphthalene	8.78	142	620721	44.65	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	281347	38.90	ng	97
40) Hexachlorocyclopentadiene	8.93	237	209739	59.67	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	194812	40.55	nq	99
43) 2,4,5-Trichlorophenol	9.11	196	201905	38.80	nq	95
45) 1,1'-Biphenyl	9.25	154	736524	39.72	nq	95
46) 2-Chloronaphthalene	9.27	162	588628	40.33	nq	98
47) 2-Nitroaniline	9.37	65	173463	43.29	nq	# 82
48) Acenaphthylene	9.68	152	898722	39.52	nq	100
49) Dimethylphthalate	9.55	163	729475	42.60	nq	98
50) 2,6-Dinitrotoluene	9.61	165	137404	38.03	nq	# 73
51) Acenaphthene	9.85	154	526616	38.58	nq	99
52) 3-Nitroaniline	9.78	138	91415	22.40	nq	93
53) 2,4-Dinitrophenol	9.90	184	156159	77.56	nq	95
54) Dibenzofuran	10.02	168	747223	39.87	nq	98
55) 4-Nitrophenol	9.97	139	166685	64.20	nq	94
56) 2,4-Dinitrotoluene	10.02	165	201750	44.68	nq	94
57) Fluorene	10.37	166	614729	39.94	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	171586	40.36	nq	96
59) Diethylphthalate	10.25	149	736490	46.14	nq	98
60) 4-Chlorophenyl-phenylether	10.35	204	288493	40.92	nq	96
61) 4-Nitroaniline	10.41	138	150526	38.03	nq	93
62) Azobenzene	10.51	77	645397	41.32	nq	98
64) 4,6-Dinitro-2-methylphenol	10.43	198	106179	42.10	nq	85
65) n-Nitrosodiphenylamine	10.48	169	536524	39.87	nq	99
66) 4-Bromophenyl-phenylether	10.85	248	179160	39.83	nq	# 88
67) Hexachlorobenzene	10.91	284	202811	41.69	nq	# 87
68) Atrazine	11.02	200	194946	45.73	nq	99
69) Pentachlorophenol	11.11	266	190421	76.08	nq	97
70) Phenanthrene	11.33	178	865374	39.28	nq	99
71) Anthracene	11.38	178	1004365	44.25	nq	99
72) Carbazole	11.54	167	870993	42.06	nq	99
73) Di-n-butylphthalate	11.88	149	1088453	42.61	nq	# 98
74) Fluoranthene	12.52	202	929426	39.28	nq	96
76) Benzidine	12.65	184	88716	8.10	nq	98
77) Pyrene	12.74	202	925333	41.26	nq	99
79) Butylbenzylphthalate	13.37	149	448866	43.86	nq	100
80) Benzo(a)anthracene	13.96	228	785253	39.94	nq	99
81) 3,3'-Dichlorobenzidine	13.92	252	184755	24.76	nq	98
82) Chrysene	14.00	228	807568	38.98	nq	99
83) Bis(2-ethylhexyl)phthalate	13.94	149	604511	41.40	nq	# 97
84) Di-n-octyl phthalate	14.61	149	1051600	41.94	nq	100
85) Indeno(1,2,3-cd)pyrene	16.85	276	601475	36.53	nq	98
87) Benzo(b)fluoranthene	15.04	252	665727	38.53	nq	99
88) Benzo(k)fluoranthene	15.06	252	661152m	45.52	nq	
89) Benzo(a)pyrene	15.40	252	618055	41.62	nq	# 96
90) Dibenzo(a,h)anthracene	16.86	278	514211	42.25	nq	98
91) Benzo(g,h,i)perylene	17.26	276	500257	42.31	nq	99

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

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