

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012915\
 Data File : BF077134.D
 Acq On : 29 Jan 2015 21:04
 Operator : TP/IZ
 Sample : G1178-04MS
 Misc : W
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DIN46-WASTE-COMPOSITE4MS

Quant Time: Jan 30 02:49:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 01:31:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	29291	20.00	ng	0.00
21) Naphthalene-d8	10.60	136	120675	20.00	ng	0.00
38) Acenaphthene-d10	14.71	164	63909	20.00	ng	0.00
63) Phenanthrene-d10	17.57	188	108988	20.00	ng	0.00
75) Chrysene-d12	21.08	240	110213	20.00	ng	0.00
86) Perylene-d12	22.70	264	100890	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	4.71	112	171593	96.32	ng	0.00
7) Phenol-d6	7.10	99	209376	93.16	ng	0.00
23) Nitrobenzene-d5	9.00	82	151515	69.56	ng	0.01
41) 2,4,6-Tribromophenol	16.45	330	60668	116.95	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	309911	73.80	ng	0.00
78) Terphenyl-d14	19.81	244	329450	68.82	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.13	88	18613	24.40	ng	97
3) Pyridine	1.59	79	39348	19.93	ng	96
4) n-Nitrosodimethylamine	1.53	42	25528	26.11	ng	91
6) Aniline	6.98	93	17398	5.59	ng	99
8) 2-Chlorophenol	7.21	128	66234	32.25	ng	94
9) Benzaldehyde	6.70	77	9480	5.95	ng	95
10) Phenol	7.13	94	69705	29.21	ng	88
11) bis(2-Chloroethyl)ether	7.24	93	64328	34.45	ng	# 78
12) 1,3-Dichlorobenzene	7.53	146	73996	31.67	ng	94
13) 1,4-Dichlorobenzene	7.73	146	76864	31.02	ng	96
14) 1,2-Dichlorobenzene	8.04	146	74814	32.77	ng	99
15) Benzyl Alcohol	8.13	79	60880	33.48	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	82831	33.00	ng	96
17) 2-Methylphenol	8.49	107	53936	32.14	ng	99
18) Hexachloroethane	8.78	117	28898	33.53	ng	94
19) n-Nitroso-di-n-propylamine	8.77	70	52132	33.14	ng	97
20) 3+4-Methylphenols	8.87	107	65725	29.57	ng	96
22) Acetophenone	8.68	105	105747	35.78	ng	98
24) Nitrobenzene	9.03	77	77971	35.14	ng	97
25) Isophorone	9.64	82	135808	34.24	ng	97
26) 2-Nitrophenol	9.77	139	36021	32.30	ng	# 89
27) 2,4-Dimethylphenol	10.06	122	59989	34.96	ng	97
28) bis(2-Chloroethoxy)methane	10.26	93	80804	35.84	ng	98
29) 2,4-Dichlorophenol	10.38	162	55482	34.69	ng	96
30) 1,2,4-Trichlorobenzene	10.50	180	61739	34.76	ng	93
31) Naphthalene	10.64	128	215337	34.66	ng	100
32) Benzoic acid	10.46	122	23779	25.01	ng	98
33) 4-Chloroaniline	10.90	127	12208	4.86	ng	96
34) Hexachlorobutadiene	11.01	225	35729	33.90	ng	99
35) Caprolactam	11.74	113	11272	23.94	ng	91
36) 4-Chloro-3-methylphenol	12.21	107	64990	35.49	ng	99
37) 2-Methylnaphthalene	12.30	142	150220	35.41	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.70	216	59878	37.90	ng	97
40) Hexachlorocyclopentadiene	12.69	237	54738	65.25	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	13.05	196	40561	35.23	ng	97
43) 2,4,5-Trichlorophenol	13.15	196	40288	34.31	ng	# 93
45) 1,1'-Biphenyl	13.45	154	175917	37.13	ng	99
46) 2-Chloronaphthalene	13.42	162	140574	36.06	ng	98
47) 2-Nitroaniline	13.77	65	45931	38.83	ng	89
48) Acenaphthylene	14.37	152	228796	34.79	ng	99
49) Dimethylphthalate	14.32	163	169530	37.41	ng	98
50) 2,6-Dinitrotoluene	14.43	165	35630	39.35	ng	96
51) Acenaphthene	14.79	154	128839	34.53	ng	96
52) 3-Nitroaniline	14.77	138	11772	11.40	ng	85
53) 2,4-Dinitrophenol	15.05	184	28919	69.81	ng	92
54) Dibenzofuran	15.21	168	200389	36.87	ng	97
55) 4-Nitrophenol	15.37	139	43187	60.79	ng	96
56) 2,4-Dinitrotoluene	15.36	165	50084	37.38	ng	92
57) Fluorene	15.97	166	166291	36.11	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.58	232	31249	36.55	ng	# 90
59) Diethylphthalate	15.98	149	179135	39.11	ng	99
60) 4-Chlorophenyl-phenylether	16.07	204	69750	37.02	ng	98
61) 4-Nitroaniline	16.13	138	29265	26.30	ng	98
62) Azobenzene	16.37	77	179178	37.54	ng	98
64) 4,6-Dinitro-2-methylphenol	16.21	198	22083	32.66	ng	88
65) n-Nitrosodiphenylamine	16.32	169	139508	35.90	ng	96
66) 4-Bromophenyl-phenylether	16.94	248	40554	36.73	ng	86
67) Hexachlorobenzene	16.95	284	41288	35.48	ng	96
68) Atrazine	17.32	200	49126	41.66	ng	94
69) Pentachlorophenol	17.33	266	39602	74.70	ng	94
70) Phenanthrene	17.60	178	246679	36.29	ng	99
71) Anthracene	17.68	178	247540	37.35	ng	99
72) Carbazole	17.97	167	233795	36.37	ng	99
73) Di-n-butylphthalate	18.57	149	295026	39.65	ng	99
74) Fluoranthene	19.26	202	257579	36.99	ng	96
76) Benzidine	19.50	184	20160	5.72	ng	99
77) Pyrene	19.53	202	272592	36.09	ng	99
79) Butylbenzylphthalate	20.48	149	128009	37.42	ng	# 97
80) Benzo(a)anthracene	21.07	228	249584	36.09	ng	98
81) 3,3'-Dichlorobenzidine	21.08	252	34226	15.58	ng	96
82) Chrysene	21.10	228	221446	35.12	ng	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	183291	38.73	ng	100
84) Di-n-octyl phthalate	21.98	149	322810	39.30	ng	99
85) Indeno(1,2,3-cd)pyrene	23.75	276	250136	37.43	ng	# 82
87) Benzo(b)fluoranthene	22.30	252	230163	33.87	ng	97
88) Benzo(k)fluoranthene	22.33	252	234113m	39.43	ng	
89) Benzo(a)pyrene	22.64	252	227221	37.91	ng	98
90) Dibenzo(a,h)anthracene	23.77	278	206988	37.64	ng	# 95
91) Benzo(g,h,i)perylene	24.03	276	213195	38.99	ng	98

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

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