

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091715\
 Data File : BF081678.D
 Acq On : 17 Sep 2015 14:30
 Operator : UM/IZ
 Sample : G3669-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-91415-WATERMSD

Quant Time: Sep 18 07:14:55 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 15 14:03:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	43666	20.00	ng	-0.04
21) Naphthalene-d8	11.08	136	175901	20.00	ng	-0.04
38) Acenaphthene-d10	15.20	164	84611	20.00	ng	-0.06
63) Phenanthrene-d10	18.71	188	175149	20.00	ng	-0.04
75) Chrysene-d12	23.35	240	135561	20.00	ng	-0.03
86) Perylene-d12	24.79	264	100457	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	341664	121.40	ng	0.00
7) Phenol-d6	7.61	99	443531	119.06	ng	-0.03
23) Nitrobenzene-d5	9.49	82	339393	93.09	ng	-0.04
41) 2,4,6-Tribromophenol	17.12	330	108685	144.26	ng	-0.04
44) 2-Fluorobiphenyl	13.73	172	598360	90.63	ng	-0.04
78) Terphenyl-d14	22.08	244	594321	102.06	ng	-0.03

Target Compounds

					Qvalue	
2) 1,4-Dioxane	1.60	88	40169m	31.78	ng	
3) Pyridine	2.13	79	44352	12.72	ng	# 80
4) n-Nitrosodimethylamine	2.08	42	91618	47.32	ng	# 56
6) Aniline	7.49	93	78537	14.93	ng	# 82
8) 2-Chlorophenol	7.73	128	134070	43.23	ng	# 79
9) Benzaldehyde	7.20	77	45294	19.40	ng	# 75
10) Phenol	7.62	94	152726	35.35	ng	# 46
11) bis(2-Chloroethyl)ether	7.72	93	139491	44.75	ng	# 70
12) 1,3-Dichlorobenzene	8.02	146	136670	41.25	ng	# 87
13) 1,4-Dichlorobenzene	8.22	146	140429	41.62	ng	# 91
14) 1,2-Dichlorobenzene	8.54	146	134906	44.41	ng	# 93
15) Benzyl Alcohol	8.62	79	140470	45.96	ng	# 70
16) 2,2'-oxybis(1-Chloropropan	8.94	45	294584	49.31	ng	88
17) 2-Methylphenol	8.96	107	108066	43.67	ng	# 77
18) Hexachloroethane	9.27	117	57519	43.82	ng	# 87
19) n-Nitroso-di-n-propylamine	9.25	70	117196	46.22	ng	# 91
20) 3+4-Methylphenols	9.34	107	141583	42.44	ng	85
22) Acetophenone	9.17	105	209553	43.62	ng	# 74
24) Nitrobenzene	9.52	77	172130	45.46	ng	# 64
25) Isophorone	10.12	82	302145	44.56	ng	# 83
26) 2-Nitrophenol	10.25	139	68031	41.23	ng	# 30
27) 2,4-Dimethylphenol	10.53	122	123308	43.26	ng	# 74
28) bis(2-Chloroethoxy)methane	10.72	93	178301	45.52	ng	# 91
29) 2,4-Dichlorophenol	10.86	162	109008	44.11	ng	89
30) 1,2,4-Trichlorobenzene	10.98	180	118207	44.02	ng	98
31) Naphthalene	11.13	128	810667	86.42	ng	97
32) Benzoic acid	11.02	122	46630	24.24	ng	# 49
33) 4-Chloroaniline	11.37	127	52831	13.81	ng	# 83
34) Hexachlorobutadiene	11.48	225	74708	45.72	ng	97
35) Caprolactam	12.30	113	25004m	32.99	ng	
36) 4-Chloro-3-methylphenol	12.69	107	136524	49.35	ng	# 76
37) 2-Methylnaphthalene	12.78	142	311609	51.04	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	13.18	216	119592	44.69	ng	98
40) Hexachlorocyclopentadiene	13.17	237	121076	92.20	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	78672	42.60	ng	97
43) 2,4,5-Trichlorophenol	13.65	196	82126	43.59	ng #	85
45) 1,1'-Biphenyl	13.92	154	342551	44.01	ng	96
46) 2-Chloronaphthalene	13.91	162	249751	44.43	ng #	88
47) 2-Nitroaniline	14.25	65	108358	47.30	ng #	56
48) Acenaphthylene	14.86	152	466563	46.78	ng	98
49) Dimethylphthalate	14.80	163	299626	45.58	ng #	98
50) 2,6-Dinitrotoluene	14.91	165	62978	42.21	ng #	52
51) Acenaphthene	15.28	154	250883	44.22	ng	91
52) 3-Nitroaniline	15.26	138	36738	21.63	ng #	53
53) 2,4-Dinitrophenol	15.56	184	52202	69.50	ng #	30
54) Dibenzofuran	15.72	168	387097	46.73	ng #	87
55) 4-Nitrophenol	15.88	139	71382	66.89	ng #	1
56) 2,4-Dinitrotoluene	15.85	165	86102	45.32	ng #	54
57) Fluorene	16.52	166	314457	50.02	ng	97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	70304	48.88	ng	92
59) Diethylphthalate	16.51	149	338695	48.98	ng	95
60) 4-Chlorophenyl-phenylether	16.62	204	142377	48.59	ng #	88
61) 4-Nitroaniline	16.73	138	61341	35.74	ng #	22
62) Azobenzene	16.99	77	373115	48.53	ng	83
64) 4,6-Dinitro-2-methylphenol	16.81	198	40176	41.01	ng #	66
65) n-Nitrosodiphenylamine	16.94	169	260025	40.80	ng	93
66) 4-Bromophenyl-phenylether	17.75	248	80813	45.63	ng #	86
67) Hexachlorobenzene	17.81	284	81396	43.96	ng #	90
68) Atrazine	18.35	200	83191	45.11	ng #	79
69) Pentachlorophenol	18.36	266	72436	80.32	ng	98
70) Phenanthrene	18.77	178	454314	46.66	ng	98
71) Anthracene	18.89	178	435668	43.55	ng	98
72) Carbazole	19.36	167	422384	44.99	ng	95
73) Di-n-butylphthalate	20.41	149	517855	46.72	ng #	98
74) Fluoranthene	21.40	202	477973	45.34	ng	87
76) Benzidine	21.72	184	22088	3.80	ng #	97
77) Pyrene	21.74	202	473541	47.16	ng	98
79) Butylbenzylphthalate	22.77	149	212630	48.69	ng #	70
80) Benzo(a)anthracene	23.34	228	399206	46.24	ng	97
81) 3,3'-Dichlorobenzidine	23.35	252	82014	28.16	ng #	94
82) Chrysene	23.39	228	364752	47.13	ng	95
83) Bis(2-ethylhexyl)phthalate	23.47	149	296652	51.47	ng #	92
84) Di-n-octyl phthalate	24.12	149	461592	48.64	ng	96
85) Indeno(1,2,3-cd)pyrene	25.82	276	226996	39.98	ng #	83
87) Benzo(b)fluoranthene	24.45	252	297968m	41.55	ng	
88) Benzo(k)fluoranthene	24.47	252	282367m	47.45	ng	
89) Benzo(a)pyrene	24.75	252	287431	47.30	ng #	82
90) Dibenzo(a,h)anthracene	25.83	278	192542	41.00	ng #	80
91) Benzo(g,h,i)perylene	26.12	276	179329	40.01	ng #	76

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

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