

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033115\
 Data File : BF078113.D
 Acq On : 31 Mar 2015 14:26
 Operator : TP/IZ
 Sample : G1614-06
 Misc : LOO-WATER-20PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2015-02

Quant Time: Apr 01 02:37:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 01 00:51:03 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	39266	20.00	ng	0.00
21) Naphthalene-d8	8.62	136	164401	20.00	ng	0.00
38) Acenaphthene-d10	10.79	164	85186	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	174639	20.00	ng	0.00
75) Chrysene-d12	15.93	240	172114	20.00	ng	0.03
86) Perylene-d12	17.75	264	157052	20.00	ng	0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	363509	161.59	ng	0.00
7) Phenol-d6	6.64	99	435730	156.78	ng	0.00
23) Nitrobenzene-d5	7.74	82	279567	111.47	ng	0.00
41) 2,4,6-Tribromophenol	11.77	330	120613	147.98	ng	0.00
44) 2-Fluorobiphenyl	9.97	172	612960	105.75	ng	0.00
78) Terphenyl-d14	14.63	244	733474	104.10	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.92	88	22029	21.57	ng	# 100
3) Pyridine	2.59	79	58294	21.24	ng	97
4) n-Nitrosodimethylamine	2.51	42	20031m	16.76	ng	
6) Aniline	6.64	93	81236	20.43	ng	# 74
8) 2-Chlorophenol	6.78	128	61735	23.06	ng	91
9) Benzaldehyde	6.49	77	47543	41.75	ng	99
10) Phenol	6.65	94	77035	23.45	ng	88
11) bis(2-Chloroethyl)ether	6.74	93	57208	23.25	ng	91
12) 1,3-Dichlorobenzene	6.97	146	66893	22.46	ng	100
13) 1,4-Dichlorobenzene	7.07	146	66064	21.35	ng	99
14) 1,2-Dichlorobenzene	7.25	146	60703	21.40	ng	99
15) Benzyl Alcohol	7.24	79	50412	23.24	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.41	45	74418	22.44	ng	99
17) 2-Methylphenol	7.40	107	48033	22.04	ng	97
18) Hexachloroethane	7.66	117	22334	22.01	ng	93
19) n-Nitroso-di-n-propylamine	7.57	70	42319	22.01	ng	# 94
20) 3+4-Methylphenols	7.60	107	67232	23.50	ng	98
22) Acetophenone	7.56	105	85294	23.44	ng	# 92
24) Nitrobenzene	7.77	77	63127	23.36	ng	# 86
25) Isophorone	8.06	82	113790	22.47	ng	96
26) 2-Nitrophenol	8.16	139	28172	21.30	ng	# 82
27) 2,4-Dimethylphenol	8.24	122	57440	23.84	ng	97
28) bis(2-Chloroethoxy)methane	8.35	93	75863	24.68	ng	98
29) 2,4-Dichlorophenol	8.46	162	56031	24.39	ng	99
30) 1,2,4-Trichlorobenzene	8.56	180	56676	22.05	ng	98
31) Naphthalene	8.65	128	188117	22.28	ng	99
32) Benzoic acid	8.35	122	24074	19.85	ng	95
33) 4-Chloroaniline	8.73	127	72605	21.19	ng	# 89
34) Hexachlorobutadiene	8.81	225	31281	21.47	ng	98
35) Caprolactam	9.14	113	16162	24.07	ng	99
36) 4-Chloro-3-methylphenol	9.36	107	52212	22.59	ng	99
37) 2-Methylnaphthalene	9.50	142	127089	22.40	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.71	216	55727	21.93	ng	# 100
40) Hexachlorocyclopentadiene	9.70	237	21427	19.35	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	36191	20.56	nq	97
43) 2,4,5-Trichlorophenol	9.92	196	41071	21.60	nq	94
45) 1,1'-Biphenyl	10.09	154	153651	22.56	nq	98
46) 2-Chloronaphthalene	10.11	162	122294	22.10	nq	98
47) 2-Nitroaniline	10.25	65	30269	22.02	nq	87
48) Acenaphthylene	10.61	152	200377	21.77	nq	98
49) Dimethylphthalate	10.49	163	148263	23.47	nq	98
50) 2,6-Dinitrotoluene	10.56	165	32203	24.59	nq	# 83
51) Acenaphthene	10.83	154	113985	21.60	nq	98
52) 3-Nitroaniline	10.75	138	31951	21.01	nq	# 65
53) 2,4-Dinitrophenol	10.90	184	3946	15.43	nq	# 81
54) Dibenzofuran	11.05	168	181165	23.15	nq	99
55) 4-Nitrophenol	10.99	139	22669	20.12	nq	# 71
56) 2,4-Dinitrotoluene	11.05	165	40921	23.96	nq	89
57) Fluorene	11.47	166	145862	22.45	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	31521	21.53	nq	# 100
59) Diethylphthalate	11.36	149	143065	23.24	nq	96
60) 4-Chlorophenyl-phenylether	11.48	204	68714	23.17	nq	96
61) 4-Nitroaniline	11.51	138	32896	21.70	nq	77
62) Azobenzene	11.68	77	133627	22.71	nq	97
64) 4,6-Dinitro-2-methylphenol	11.55	198	11795	17.32	nq	85
65) n-Nitrosodiphenylamine	11.63	169	129726	22.31	nq	99
66) 4-Bromophenyl-phenylether	12.09	248	40801	21.89	nq	97
67) Hexachlorobenzene	12.13	284	42171	20.59	nq	# 69
68) Atrazine	12.31	200	39638	24.32	nq	96
69) Pentachlorophenol	12.40	266	14048	15.67	nq	98
70) Phenanthrene	12.65	178	214964	21.44	nq	98
71) Anthracene	12.72	178	215806	21.79	nq	99
72) Carbazole	12.93	167	207767	22.05	nq	98
73) Di-n-butylphthalate	13.39	149	235944	22.33	nq	98
74) Fluoranthene	14.12	202	233710	21.13	nq	95
76) Benzidine	14.32	184	149412	35.03	nq	99
77) Pyrene	14.41	202	245266	22.66	nq	98
79) Butylbenzylphthalate	15.25	149	92598	21.70	nq	93
80) Benzo(a)anthracene	15.91	228	226476	22.20	nq	98
81) 3,3'-Dichlorobenzidine	15.89	252	61383	18.24	nq	# 98
82) Chrysene	15.95	228	205018	22.35	nq	100
83) Bis(2-ethylhexyl)phthalate	16.00	149	150803	23.33	nq	96
84) Di-n-octyl phthalate	16.83	149	243080m	21.99	nq	
85) Indeno(1,2,3-cd)pyrene	19.12	276	212060	18.52	nq	# 100
87) Benzo(b)fluoranthene	17.28	252	198359m	19.35	nq	
88) Benzo(k)fluoranthene	17.31	252	201779	25.20	nq	98
89) Benzo(a)pyrene	17.68	252	188524	22.04	nq	# 97
90) Dibenzo(a,h)anthracene	19.14	278	178662m	21.06	nq	
91) Benzo(g,h,i)perylene	19.51	276	177034m	20.49	nq	

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

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