

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093489.D
 Acq On : 9 Mar 2017 21:39
 Operator : SJ/MA
 Sample : I2195-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-COMP-0-12FTMS

Quant Time: Mar 10 00:18:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176732m	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	725224	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	331890	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	618588	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	472484	20.00	ng	-0.01
86) Perylene-d12	15.32	264	370536	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1673092	157.56	ng	0.00
7) Phenol-d6	6.41	99	1942163	145.04	ng	0.00
23) Nitrobenzene-d5	7.33	82	1330059	101.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	352183	162.87	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1866606	104.61	ng	-0.02
78) Terphenyl-d14	12.86	244	1875116	103.18	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.32	88	259219	44.32	ng	86
3) Pyridine	3.01	79	766994	51.43	ng	86
4) n-Nitrosodimethylamine	2.98	42	389088	54.63	ng	87
6) Aniline	6.42	93	527639m	28.71	ng	
8) 2-Chlorophenol	6.54	128	599978	50.43	ng	91
9) Benzaldehyde	6.31	77	99627	8.96	ng	95
10) Phenol	6.42	94	902324	54.99	ng	90
11) bis(2-Chloroethyl)ether	6.49	93	629452	47.46	ng	91
12) 1,3-Dichlorobenzene	6.69	146	648381m	47.61	ng	
13) 1,4-Dichlorobenzene	6.77	146	660966m	47.41	ng	
14) 1,2-Dichlorobenzene	6.92	146	563956	45.68	ng	97
15) Benzyl Alcohol	6.92	79	485149	50.82	ng	92
16) 2,2'-oxybis(1-Chloropropan	7.03	45	1026533	46.59	ng	# 28
17) 2-Methylphenol	7.03	107	508981m	50.58	ng	
18) Hexachloroethane	7.26	117	234814	49.94	ng	92
19) n-Nitroso-di-n-propylamine	7.18	70	484008	52.57	ng	98
20) 3+4-Methylphenols	7.19	107	689987	52.87	ng	# 74
22) Acetophenone	7.17	105	854992	48.99	ng	98
24) Nitrobenzene	7.35	77	714498	48.64	ng	# 87
25) Isophorone	7.58	82	1286853	48.82	ng	# 93
26) 2-Nitrophenol	7.66	139	333222	49.72	ng	93
27) 2,4-Dimethylphenol	7.70	122	518779	47.58	ng	100
28) bis(2-Chloroethoxy)methane	7.80	93	837833	50.35	ng	99
29) 2,4-Dichlorophenol	7.91	162	542288	52.87	ng	91
30) 1,2,4-Trichlorobenzene	7.98	180	503866	46.19	ng	96
31) Naphthalene	8.06	128	1685968	46.39	ng	99
32) Benzoic acid	7.88	122	343993	60.72	ng	97
33) 4-Chloroaniline	8.13	127	267245	18.12	ng	96
34) Hexachlorobutadiene	8.17	225	278634	49.59	ng	99
35) Caprolactam	8.50	113	182114m	51.99	ng	
36) 4-Chloro-3-methylphenol	8.62	107	534423	48.81	ng	97
37) 2-Methylnaphthalene	8.74	142	1044786	45.18	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	487157	53.75	ng	98
40) Hexachlorocyclopentadiene	8.89	237	220043	93.77	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	338785	59.83	nq	93
43) 2,4,5-Trichlorophenol	9.09	196	336810	55.44	nq	96
45) 1,1'-Biphenyl	9.21	154	1321041	54.64	nq	98
46) 2-Chloronaphthalene	9.24	162	1008942	54.52	nq	95
47) 2-Nitroaniline	9.35	65	433116	66.20	nq	96
48) Acenaphthylene	9.65	152	1510110	49.48	nq	99
49) Dimethylphthalate	9.52	163	1422346	64.64	nq	99
50) 2,6-Dinitrotoluene	9.59	165	257129	53.26	nq	# 59
51) Acenaphthene	9.82	154	899177	49.82	nq	96
52) 3-Nitroaniline	9.76	138	179443	30.94	nq	98
53) 2,4-Dinitrophenol	9.89	184	251800	114.52	nq	# 76
54) Dibenzofuran	9.99	168	1347164	59.63	nq	99
55) 4-Nitrophenol	9.96	139	355184m	126.07	nq	
56) 2,4-Dinitrotoluene	10.00	165	337118	56.84	nq	# 88
57) Fluorene	10.33	166	1023433	53.46	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	283444	66.11	nq	92
59) Diethylphthalate	10.22	149	1220362	58.03	nq	98
60) 4-Chlorophenyl-phenylether	10.32	204	474645	55.32	nq	99
61) 4-Nitroaniline	10.38	138	318730	53.73	nq	96
62) Azobenzene	10.49	77	1522871	63.73	nq	90
64) 4,6-Dinitro-2-methylphenol	10.41	198	197961	49.39	nq	# 12
65) n-Nitrosodiphenylamine	10.46	169	983983	47.64	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	285441	43.64	nq	97
67) Hexachlorobenzene	10.88	284	285787	45.75	nq	# 72
68) Atrazine	10.98	200	304658	50.39	nq	100
69) Pentachlorophenol	11.09	266	247724	114.87	nq	95
70) Phenanthrene	11.29	178	1569874	44.46	nq	99
71) Anthracene	11.35	178	1638328	45.87	nq	99
72) Carbazole	11.51	167	1431088	42.65	nq	100
73) Di-n-butylphthalate	11.83	149	1784357	45.97	nq	98
74) Fluoranthene	12.48	202	1528412	44.81	nq	98
76) Benzidine	12.61	184	721426	46.43	nq	97
77) Pyrene	12.71	202	1578387	45.93	nq	100
79) Butylbenzylphthalate	13.33	149	877031	60.63	nq	88
80) Benzo(a)anthracene	13.90	228	1366727	48.98	nq	99
81) 3,3'-Dichlorobenzidine	13.87	252	328690	33.63	nq	# 97
82) Chrysene	13.95	228	1329017	51.48	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	1159793	57.52	nq	# 95
84) Di-n-octyl phthalate	14.49	149	1790593	53.28	nq	96
85) Indeno(1,2,3-cd)pyrene	16.69	276	994816	46.04	nq	# 94
87) Benzo(b)fluoranthene	14.93	252	1248403m	55.32	nq	
88) Benzo(k)fluoranthene	14.95	252	931330m	42.79	nq	
89) Benzo(a)pyrene	15.27	252	1024478	49.67	nq	# 96
90) Dibenzo(a,h)anthracene	16.69	278	833185	48.83	nq	98
91) Benzo(g,h,i)perylene	17.09	276	881574	50.34	nq	# 89

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

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