

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
 Data File : BF094843.D
 Acq On : 3 May 2017 20:03
 Operator : SJ/MA
 Sample : I2914-11MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP(0-7)MS

Manual Integrations
 APPROVED

mohammad
 5/4/2017 3:34:42 PM

Quant Time: May 04 02:09:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	96535	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	379232	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	174822	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	325376	20.00	ng	0.00
75) Chrysene-d12	18.64	240	245351	20.00	ng	-0.01
86) Perylene-d12	20.31	264	26048	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	754062	130.23	ng	0.02
7) Phenol-d6	7.28	99	859676	123.74	ng	0.00
23) Nitrobenzene-d5	8.63	82	598506	99.52	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	221368	154.62	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1199825	98.78	ng	0.00
78) Terphenyl-d14	17.31	244	1080091	96.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	103737	36.53	ng	# 81
3) Pyridine	3.00	79	77302m	11.75	ng	
4) n-Nitrosodimethylamine	2.82	42	122418	44.62	ng	93
6) Aniline	7.24	93	48964	5.58	ng	96
8) 2-Chlorophenol	7.42	128	312730	47.45	ng	94
9) Benzaldehyde	7.05	77	69754	16.44	ng	95
10) Phenol	7.30	94	311954	42.61	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	281424	46.56	ng	96
12) 1,3-Dichlorobenzene	7.64	146	310890	41.59	ng	99
13) 1,4-Dichlorobenzene	7.76	146	317662	41.90	ng	98
14) 1,2-Dichlorobenzene	8.00	146	310192	43.83	ng	96
15) Benzyl Alcohol	8.02	79	121482	27.19	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	372533	43.55	ng	61
17) 2-Methylphenol	8.22	107	240514	44.59	ng	# 89
18) Hexachloroethane	8.51	117	105063	40.91	ng	# 86
19) n-Nitroso-di-n-propylamine	8.44	70	227468	48.41	ng	96
20) 3+4-Methylphenols	8.48	107	321525	43.87	ng	# 61
22) Acetophenone	8.40	105	453114	49.80	ng	# 85
24) Nitrobenzene	8.66	77	312198	49.53	ng	92
25) Isophorone	9.06	82	592144	55.14	ng	95
26) 2-Nitrophenol	9.17	139	177755	52.26	ng	99
27) 2,4-Dimethylphenol	9.30	122	280141	50.94	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	205281	27.63	ng	97
29) 2,4-Dichlorophenol	9.58	162	274322	52.83	ng	97
30) 1,2,4-Trichlorobenzene	9.67	180	246311	44.28	ng	99
31) Naphthalene	9.78	128	874267	45.87	ng	99
32) Benzoic acid	9.62	122	175777	48.61	ng	93
33) 4-Chloroaniline	9.94	127	24549	3.46	ng	93
34) Hexachlorobutadiene	10.00	225	129798	44.22	ng	96
35) Caprolactam	10.56	113	56584m	36.29	ng	
36) 4-Chloro-3-methylphenol	10.77	107	282660	50.91	ng	91
37) 2-Methylnaphthalene	10.91	142	643003	51.40	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	248561	46.23	ng	99
40) Hexachlorocyclopentadiene	11.17	237	216567	94.62	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	192328	53.58	ng	98
43) 2,4,5-Trichlorophenol	11.48	196	206579	53.54	ng	93
45) 1,1'-Biphenyl	11.68	154	743168	50.49	ng	97
46) 2-Chloronaphthalene	11.69	162	580975	48.88	ng	95
47) 2-Nitroaniline	11.89	65	104479	32.12	ng	# 84
48) Acenaphthylene	12.35	152	760807	40.87	ng	99
49) Dimethylphthalate	12.22	163	738466	51.45	ng	99
50) 2,6-Dinitrotoluene	12.31	165	161579	55.18	ng	94
51) Acenaphthene	12.63	154	544427	48.96	ng	99
52) 3-Nitroaniline	12.58	138	26599	8.46	ng	# 95
53) 2,4-Dinitrophenol	12.77	184	173298	105.32	ng	# 71
54) Dibenzofuran	12.92	168	881117	57.27	ng	99
55) 4-Nitrophenol	12.95	139	183552	97.25	ng	# 77
56) 2,4-Dinitrotoluene	12.97	165	197244	52.43	ng	# 88
57) Fluorene	13.48	166	646663	48.33	ng	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	136638	56.27	ng	97
59) Diethylphthalate	13.37	149	636167	46.25	ng	98
60) 4-Chlorophenyl-phenylether	13.50	204	284124	48.32	ng	91
61) 4-Nitroaniline	13.57	138	41169	14.27	ng	94
62) Azobenzene	13.75	77	459814	41.60	ng	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	105026	48.15	ng	# 62
65) n-Nitrosodiphenylamine	13.70	169	84190	7.13	ng	98
66) 4-Bromophenyl-phenylether	14.28	248	165409	48.12	ng	99
67) Hexachlorobenzene	14.37	284	170764	48.47	ng	# 87
69) Pentachlorophenol	14.71	266	171114	105.41	ng	99
70) Phenanthrene	15.02	178	952614	50.96	ng	98
71) Anthracene	15.10	178	937397	49.09	ng	98
72) Carbazole	15.37	167	144906	8.34	ng	97
73) Di-n-butylphthalate	15.95	149	1104324	50.96	ng	99
74) Fluoranthene	16.75	202	932514	48.63	ng	99
77) Pyrene	17.05	202	773221	42.14	ng	99
79) Butylbenzylphthalate	17.96	149	326225	38.22	ng	# 86
80) Benzo(a)anthracene	18.63	228	724180	50.72	ng	98
82) Chrysene	18.68	228	696638	50.46	ng	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	634598	52.18	ng	# 100
84) Di-n-octyl phthalate	19.48	149	964394	48.37	ng	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	303148	27.04	ng	96
87) Benzo(b)fluoranthene	19.90	252	576111	357.93	ng	98
88) Benzo(k)fluoranthene	19.93	252	490281	315.79	ng	# 96
89) Benzo(a)pyrene	20.25	252	312819	210.62	ng	100
90) Dibenzo(a,h)anthracene	21.60	278	381818	311.28	ng	98
91) Benzo(g,h,i)perylene	21.96	276	222314	184.69	ng	98

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

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