

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
 Data File : BF081302.D
 Acq On : 1 Sep 2015 14:10
 Operator : UM/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

MMDadoda
 9/2/2015 2:09:52 PM

Quant Time: Sep 01 16:12:08 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 15:44:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.39	152	57051	20.00	ng	0.00
21) Naphthalene-d8	7.68	136	231372	20.00	ng	0.00
38) Acenaphthene-d10	9.42	164	98840	20.00	ng	0.00
63) Phenanthrene-d10	10.88	188	192000	20.00	ng	0.00
75) Chrysene-d12	13.50	240	164730	20.00	ng	0.00
86) Perylene-d12	14.80	264	131159	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.92	112	69389	9.51	ng	0.00
7) Phenol-d6	6.04	99	95717	9.67	ng	-0.01
23) Nitrobenzene-d5	6.96	82	85886	8.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.19	330	15547	8.94	ng	-0.01
44) 2-Fluorobiphenyl	8.75	172	144845	8.80	ng	-0.01
78) Terphenyl-d14	12.47	244	127884	9.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.74	88	14885	9.11	ng	92
3) Pyridine	2.31	79	38810	9.02	ng	# 90
4) n-Nitrosodimethylamine	2.24	42	19776	8.13	ng	84
6) Aniline	6.04	93	66249	9.49	ng	# 76
8) 2-Chlorophenol	6.17	128	36290	9.00	ng	92
9) Benzaldehyde	5.92	77	29444	9.50	ng	# 71
10) Phenol	6.06	94	53686	9.37	ng	# 43
11) bis(2-Chloroethyl)ether	6.14	93	39355	9.69	ng	97
12) 1,3-Dichlorobenzene	6.32	146	40403	9.46	ng	# 87
13) 1,4-Dichlorobenzene	6.41	146	40125	9.14	ng	# 94
14) 1,2-Dichlorobenzene	6.56	146	38752	9.40	ng	93
15) Benzyl Alcohol	6.55	79	37816	9.46	ng	# 68
16) 2,2'-oxybis(1-Chloropropan	6.70	45	78564	9.68	ng	91
17) 2-Methylphenol	6.67	107	28887	9.01	ng	# 77
18) Hexachloroethane	6.90	117	16131	9.29	ng	# 81
19) n-Nitroso-di-n-propylamine	6.82	70	33160	10.07	ng	# 84
20) 3+4-Methylphenols	6.83	107	41118	9.34	ng	# 85
22) Acetophenone	6.81	105	55712	8.84	ng	# 75
24) Nitrobenzene	6.98	77	46519	9.28	ng	# 67
25) Isophorone	7.22	82	76308	8.71	ng	# 80
26) 2-Nitrophenol	7.30	139	18979	9.13	ng	# 39
27) 2,4-Dimethylphenol	7.36	122	31460	8.50	ng	# 72
28) bis(2-Chloroethoxy)methane	7.45	93	43389	8.39	ng	# 90
29) 2,4-Dichlorophenol	7.55	162	27782	8.54	ng	95
30) 1,2,4-Trichlorobenzene	7.62	180	30085	8.74	ng	# 95
31) Naphthalene	7.70	128	115433	9.03	ng	99
32) Benzoic acid	7.46	122	19354	7.84	ng	# 62
33) 4-Chloroaniline	7.76	127	44650	8.70	ng	# 79
34) Hexachlorobutadiene	7.83	225	19673	9.02	ng	98
35) Caprolactam	8.10	113	8654	8.74	ng	# 22
36) 4-Chloro-3-methylphenol	8.26	107	31923	8.83	ng	83
37) 2-Methylnaphthalene	8.39	142	72889	9.37	ng	# 89
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	31322	9.36	ng	99
40) Hexachlorocyclopentadiene	8.55	237	11259	7.86	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.67	196	19502	9.21	ng	99
43) 2,4,5-Trichlorophenol	8.72	196	20441	9.23	ng	96
45) 1,1'-Biphenyl	8.86	154	90500	9.68	ng	95
46) 2-Chloronaphthalene	8.87	162	64269	9.24	ng	# 87
47) 2-Nitroaniline	8.98	65	23501	8.89	ng	84
48) Acenaphthylene	9.28	152	119729	9.88	ng	97
49) Dimethylphthalate	9.16	163	77684	9.47	ng	# 97
50) 2,6-Dinitrotoluene	9.22	165	16579	9.43	ng	# 39
51) Acenaphthene	9.45	154	67286	9.81	ng	90
52) 3-Nitroaniline	9.38	138	18906	8.94	ng	# 37
53) 2,4-Dinitrophenol	9.50	184	2801	4.71	ng	# 22
54) Dibenzofuran	9.62	168	99027	9.81	ng	# 88
55) 4-Nitrophenol	9.56	139	11920	9.70	ng	# 1
56) 2,4-Dinitrotoluene	9.62	165	21600	9.67	ng	# 54
57) Fluorene	9.95	166	70370	9.03	ng	96
58) 2,3,4,6-Tetrachlorophenol	9.75	232	15918	9.70	ng	94
59) Diethylphthalate	9.86	149	83578	9.81	ng	95
60) 4-Chlorophenyl-phenylether	9.96	204	37417	9.85	ng	# 89
61) 4-Nitroaniline	9.99	138	20673	10.26	ng	# 43
62) Azobenzene	10.12	77	85686	9.06	ng	95
64) 4,6-Dinitro-2-methylphenol	10.02	198	8247	8.09	ng	82
65) n-Nitrosodiphenylamine	10.08	169	65490	9.07	ng	92
66) 4-Bromophenyl-phenylether	10.44	248	19400	9.97	ng	# 86
67) Hexachlorobenzene	10.50	284	20285	9.88	ng	# 87
68) Atrazine	10.62	200	19236	9.24	ng	83
69) Pentachlorophenol	10.70	266	3938	6.38	ng	95
70) Phenanthrene	10.90	178	109364	9.64	ng	98
71) Anthracene	10.96	178	107076	9.43	ng	99
72) Carbazole	11.12	167	105621	9.89	ng	96
73) Di-n-butylphthalate	11.47	149	118448	9.88	ng	# 97
74) Fluoranthene	12.08	202	117617	9.89	ng	87
76) Benzidine	12.22	184	71294	10.46	ng	99
77) Pyrene	12.30	202	114297	9.29	ng	99
79) Butylbenzylphthalate	12.95	149	46125	9.69	ng	# 67
80) Benzo(a)anthracene	13.49	228	99138	9.44	ng	98
81) 3,3'-Dichlorobenzidine	13.46	252	33108	9.85	ng	# 94
82) Chrysene	13.52	228	91059	9.74	ng	95
83) Bis(2-ethylhexyl)phthalate	13.52	149	63494	9.79	ng	# 88
84) Di-n-octyl phthalate	14.13	149	103150	9.82	ng	98
85) Indeno(1,2,3-cd)pyrene	15.89	276	67854	9.95	ng	# 87
87) Benzo(b)fluoranthene	14.47	252	82953m	8.79	ng	
88) Benzo(k)fluoranthene	14.49	252	81991m	10.18	ng	
89) Benzo(a)pyrene	14.75	252	73954	9.32	ng	# 84
90) Dibenzo(a,h)anthracene	15.90	278	55406	9.31	ng	# 79
91) Benzo(g,h,i)perylene	16.21	276	54071	9.51	ng	# 72

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

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