

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031115\
 Data File : BF077682.D
 Acq On : 11 Mar 2015 11:39
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

mohammad
 3/13/2015 9:39:38 AM

Quant Time: Mar 12 02:18:31 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 12 01:42:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	46693	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	195443	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	101549	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	206145	20.00	ng	0.00
75) Chrysene-d12	16.03	240	208985	20.00	ng	0.00
86) Perylene-d12	17.78	264	193120	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	53930	19.94	ng	0.00
7) Phenol-d6	6.73	99	66615	19.04	ng	-0.01
23) Nitrobenzene-d5	7.86	82	60084	21.29	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	20510	23.38	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	148981	22.35	ng	0.00
78) Terphenyl-d14	14.74	244	177318	19.46	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.06	88	12364	10.32	ng	# 100
3) Pyridine	2.80	79	32705	10.46	ng	94
4) n-Nitrosodimethylamine	2.69	42	15209	9.95	ng	# 94
6) Aniline	6.75	93	49217	9.93	ng	# 51
8) 2-Chlorophenol	6.90	128	32121	10.14	ng	98
9) Benzaldehyde	6.61	77	14200	6.89	ng	100
10) Phenol	6.75	94	39555	9.71	ng	94
11) bis(2-Chloroethyl)ether	6.85	93	29315	9.56	ng	89
12) 1,3-Dichlorobenzene	7.09	146	36512	10.24	ng	98
13) 1,4-Dichlorobenzene	7.20	146	37334	10.14	ng	98
14) 1,2-Dichlorobenzene	7.38	146	33056	9.37	ng	98
15) Benzyl Alcohol	7.36	79	26205	9.83	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	38045	8.40	ng	98
17) 2-Methylphenol	7.50	107	26475	10.41	ng	96
18) Hexachloroethane	7.79	117	12574	10.52	ng	92
19) n-Nitroso-di-n-propylamine	7.69	70	23944	9.91	ng	# 94
20) 3+4-Methylphenols	7.70	107	35615	10.81	ng	98
22) Acetophenone	7.68	105	44810	9.91	ng	# 96
24) Nitrobenzene	7.88	77	32157	10.63	ng	97
25) Isophorone	8.18	82	58775	9.37	ng	# 93
26) 2-Nitrophenol	8.28	139	14620	15.96	ng	99
27) 2,4-Dimethylphenol	8.35	122	28243	9.80	ng	97
28) bis(2-Chloroethoxy)methane	8.46	93	37581	9.44	ng	99
29) 2,4-Dichlorophenol	8.58	162	27363	10.92	ng	98
30) 1,2,4-Trichlorobenzene	8.68	180	31112	9.94	ng	99
31) Naphthalene	8.77	128	105631	10.78	ng	99
32) Benzoic acid	8.42	122	11954	14.30	ng	95
33) 4-Chloroaniline	8.85	127	40125	9.63	ng	98
34) Hexachlorobutadiene	8.93	225	17304	10.10	ng	93
35) Caprolactam	9.24	113	8187	10.69	ng	96
36) 4-Chloro-3-methylphenol	9.46	107	27017	9.93	ng	94
37) 2-Methylnaphthalene	9.63	142	72194	10.32	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	30607	10.43	ng	# 100
40) Hexachlorocyclopentadiene	9.82	237	10415	7.31	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.98	196	20679	12.28	nq	94
43) 2,4,5-Trichlorophenol	10.02	196	22807	12.63	nq #	82
45) 1,1'-Biphenyl	10.21	154	84809	10.49	nq	98
46) 2-Chloronaphthalene	10.23	162	68142	11.24	nq	93
47) 2-Nitroaniline	10.36	65	15766	12.92	nq	92
48) Acenaphthylene	10.74	152	116208	11.65	nq	99
49) Dimethylphthalate	10.60	163	81611	11.64	nq	99
50) 2,6-Dinitrotoluene	10.67	165	15982	13.43	nq	90
51) Acenaphthene	10.96	154	67044	11.27	nq	99
52) 3-Nitroaniline	10.87	138	17471	12.23	nq #	69
53) 2,4-Dinitrophenol	11.00	184	2992	13.51	nq	87
54) Dibenzofuran	11.17	168	98591	11.02	nq	97
55) 4-Nitrophenol	11.09	139	12914	13.10	nq	97
56) 2,4-Dinitrotoluene	11.16	165	20188	14.23	nq #	91
57) Fluorene	11.60	166	83535	11.79	nq	98
58) 2,3,4,6-Tetrachlorophenol	11.32	232	17956	13.31	nq #	100
59) Diethylphthalate	11.47	149	74995	10.38	nq	95
60) 4-Chlorophenyl-phenylether	11.61	204	37095	10.94	nq	95
61) 4-Nitroaniline	11.62	138	18803	13.59	nq	89
62) Azobenzene	11.80	77	72838	10.26	nq	96
64) 4,6-Dinitro-2-methylphenol	11.67	198	5588	13.06	nq	95
65) n-Nitrosodiphenylamine	11.76	169	69272	10.33	nq	98
66) 4-Bromophenyl-phenylether	12.21	248	21937	9.65	nq	97
67) Hexachlorobenzene	12.27	284	24401	9.50	nq	96
68) Atrazine	12.42	200	19262	9.56	nq	92
69) Pentachlorophenol	12.52	266	9093	9.47	nq	95
70) Phenanthrene	12.79	178	121111	10.18	nq	98
71) Anthracene	12.84	178	121713	10.33	nq	99
72) Carbazole	13.05	167	121735	11.72	nq	99
73) Di-n-butylphthalate	13.51	149	138203	10.91	nq	100
74) Fluoranthene	14.26	202	144437	11.77	nq	98
76) Benzidine	14.44	184	50856	8.20	nq	99
77) Pyrene	14.53	202	137673	10.60	nq	97
79) Butylbenzylphthalate	15.37	149	50041	10.73	nq	99
80) Benzo(a)anthracene	16.02	228	124332	10.28	nq	98
81) 3,3'-Dichlorobenzidine	16.01	252	40617	10.28	nq #	97
82) Chrysene	16.07	228	112663	9.87	nq	99
83) Bis(2-ethylhexyl)phthalate	16.09	149	77331	9.81	nq #	94
84) Di-n-octyl phthalate	16.89	149	131374	10.70	nq	100
85) Indeno(1,2,3-cd)pyrene	19.17	276	131429m	10.07	nq	
87) Benzo(b)fluoranthene	17.33	252	117079	9.40	nq #	95
88) Benzo(k)fluoranthene	17.37	252	121726m	12.23	nq	
89) Benzo(a)pyrene	17.71	252	108623	10.19	nq #	96
90) Dibenzo(a,h)anthracene	19.20	278	104137	9.66	nq #	95
91) Benzo(g,h,i)perylene	19.59	276	106700	9.84	nq	98

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

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