

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071015\
 Data File : BF080414.D
 Acq On : 11 Jul 2015 4:34
 Operator : TP/UM
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

apatel
 7/13/2015 3:31:27 PM

Quant Time: Jul 11 05:39:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 04:42:33 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	22903	20.00	ng	0.00
21) Naphthalene-d8	8.43	136	91451	20.00	ng	0.00
38) Acenaphthene-d10	10.19	164	48818	20.00	ng	0.00
63) Phenanthrene-d10	11.69	188	96495	20.00	ng	0.00
75) Chrysene-d12	14.48	240	98812	20.00	ng	-0.06
86) Perylene-d12	16.18	264	98533	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.79	112	227197	178.53	ng	0.00
7) Phenol-d6	6.80	99	287708	170.57	ng	0.00
23) Nitrobenzene-d5	7.72	82	285133	182.35	ng	0.01
41) 2,4,6-Tribromophenol	10.99	330	84794	166.25	ng	0.00
44) 2-Fluorobiphenyl	9.50	172	526509	145.86	ng	0.00
78) Terphenyl-d14	13.30	244	753906	176.21	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	52992	88.20	ng	100
3) Pyridine	3.89	79	114314	76.10	ng	95
4) n-Nitrosodimethylamine	3.71	42	58121	80.64	ng	94
6) Aniline	6.82	93	182387	79.93	ng	95
8) 2-Chlorophenol	6.94	128	133978	90.23	ng	99
9) Benzaldehyde	6.70	77	73045	78.17	ng	96
10) Phenol	6.82	94	154676	84.40	ng	# 67
11) bis(2-Chloroethyl)ether	6.88	93	123593	87.97	ng	98
12) 1,3-Dichlorobenzene	7.08	146	146746	82.43	ng	99
13) 1,4-Dichlorobenzene	7.16	146	162363	94.33	ng	98
14) 1,2-Dichlorobenzene	7.32	146	155975	90.79	ng	98
15) Benzyl Alcohol	7.30	79	119748	91.58	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.41	45	182095	81.87	ng	98
17) 2-Methylphenol	7.41	107	117024	99.27	ng	99
18) Hexachloroethane	7.66	117	53064	96.36	ng	96
19) n-Nitroso-di-n-propylamine	7.56	70	103898	94.93	ng	95
20) 3+4-Methylphenols	7.56	107	144835	90.35	ng	94
22) Acetophenone	7.56	105	183927	86.29	ng	# 98
24) Nitrobenzene	7.73	77	147882	90.70	ng	96
25) Isophorone	7.97	82	255255	85.10	ng	98
26) 2-Nitrophenol	8.05	139	75227	106.25	ng	97
27) 2,4-Dimethylphenol	8.09	122	116329	86.53	ng	99
28) bis(2-Chloroethoxy)methane	8.18	93	146508	78.64	ng	98
29) 2,4-Dichlorophenol	8.29	162	106134	87.96	ng	# 85
30) 1,2,4-Trichlorobenzene	8.37	180	136334	93.76	ng	98
31) Naphthalene	8.45	128	393024	83.38	ng	100
32) Benzoic acid	8.21	122	86499	124.97	ng	98
33) 4-Chloroaniline	8.51	127	147649	79.09	ng	99
34) Hexachlorobutadiene	8.57	225	77426	88.56	ng	97
35) Caprolactam	8.91	113	33001	90.53	ng	# 71
36) 4-Chloro-3-methylphenol	9.00	107	112739	89.91	ng	96
37) 2-Methylnaphthalene	9.15	142	272649	89.62	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.31	216	136337	87.17	ng	98
40) Hexachlorocyclopentadiene	9.30	237	77855	130.52	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.44	196	78141	77.31	ng	98
43) 2,4,5-Trichlorophenol	9.47	196	83130	71.26	ng	94
45) 1,1'-Biphenyl	9.61	154	332920	76.92	ng	98
46) 2-Chloronaphthalene	9.64	162	262236	79.84	ng	98
47) 2-Nitroaniline	9.74	65	84109	90.86	ng	97
48) Acenaphthylene	10.05	152	416239	75.82	ng	98
49) Dimethylphthalate	9.92	163	308872	78.56	ng	99
50) 2,6-Dinitrotoluene	9.97	165	66300	80.70	ng	96
51) Acenaphthene	10.22	154	256362	77.44	ng	100
52) 3-Nitroaniline	10.16	138	66602	73.61	ng	100
53) 2,4-Dinitrophenol	10.25	184	31571	106.66	ng	# 41
54) Dibenzofuran	10.40	168	345795	74.15	ng	99
55) 4-Nitrophenol	10.33	139	52840	80.61	ng	95
56) 2,4-Dinitrotoluene	10.38	165	83350	80.29	ng	# 43
57) Fluorene	10.74	166	294691	74.06	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.52	232	72985m	76.96	ng	
59) Diethylphthalate	10.60	149	286616	74.42	ng	100
60) 4-Chlorophenyl-phenylether	10.73	204	138774	77.49	ng	99
61) 4-Nitroaniline	10.77	138	68187	78.34	ng	99
62) Azobenzene	10.89	77	340296	90.96	ng	99
64) 4,6-Dinitro-2-methylphenol	10.78	198	46219	90.59	ng	84
65) n-Nitrosodiphenylamine	10.85	169	264177	86.04	ng	99
66) 4-Bromophenyl-phenylether	11.22	248	87266	79.75	ng	96
67) Hexachlorobenzene	11.30	284	86268	75.75	ng	97
69) Pentachlorophenol	11.49	266	52779	89.73	ng	97
70) Phenanthrene	11.71	178	464875	80.04	ng	99
71) Anthracene	11.77	178	442586	78.55	ng	99
72) Carbazole	11.93	167	417861	79.22	ng	99
73) Di-n-butylphthalate	12.22	149	462415	76.84	ng	# 98
74) Fluoranthene	12.92	202	518989	83.56	ng	100
76) Benzidine	13.05	184	145773	60.87	ng	98
77) Pyrene	13.16	202	526211	87.72	ng	99
79) Butylbenzylphthalate	13.80	149	212064	89.22	ng	96
80) Benzo(a)anthracene	14.47	228	501108	83.66	ng	99
81) 3,3'-Dichlorobenzidine	14.43	252	167525	85.82	ng	# 98
82) Chrysene	14.51	228	452893	81.17	ng	99
83) Bis(2-ethylhexyl)phthalate	14.43	149	341275	94.25	ng	98
84) Di-n-octyl phthalate	15.16	149	577045	95.19	ng	99
85) Indeno(1,2,3-cd)pyrene	17.85	276	585605	89.04	ng	100
87) Benzo(b)fluoranthene	15.70	252	574946	92.46	ng	99
88) Benzo(k)fluoranthene	15.73	252	410058m	70.01	ng	
89) Benzo(a)pyrene	16.11	252	477823	84.25	ng	# 96
90) Dibenzo(a,h)anthracene	17.86	278	471306	84.44	ng	98
91) Benzo(g,h,i)perylene	18.35	276	469483	83.19	ng	95

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

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