

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021215\
 Data File : BF077303.D
 Acq On : 13 Feb 2015 2:20
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 2/13/2015 5:40:50 PM

Quant Time: Feb 13 06:16:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 13 03:50:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	26725	20.00	ng	0.00
21) Naphthalene-d8	10.41	136	111214	20.00	ng	0.00
38) Acenaphthene-d10	14.52	164	58630	20.00	ng	0.00
63) Phenanthrene-d10	17.44	188	100930	20.00	ng	0.00
75) Chrysene-d12	20.96	240	99271	20.00	ng	0.00
86) Perylene-d12	22.59	264	92691	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	4.50	112	130360	76.53	ng	0.01
7) Phenol-d6	6.93	99	168429	79.63	ng	0.00
23) Nitrobenzene-d5	8.81	82	176988	90.90	ng	-0.01
41) 2,4,6-Tribromophenol	16.29	330	39869	83.39	ng	-0.01
44) 2-Fluorobiphenyl	13.07	172	340104	87.31	ng	0.00
78) Terphenyl-d14	19.70	244	377404	85.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	0.99	88	28740	44.57	ng	91
3) Pyridine	1.40	79	75774	44.34	ng	99
4) n-Nitrosodimethylamine	1.38	42	32568	35.01	ng	99
6) Aniline	6.78	93	120062	42.91	ng	98
8) 2-Chlorophenol	7.04	128	77970	40.20	ng	93
9) Benzaldehyde	6.50	77	44600	34.25	ng	97
10) Phenol	6.96	94	85793m	39.46	ng	
11) bis(2-Chloroethyl)ether	7.05	93	73957	42.68	ng	97
12) 1,3-Dichlorobenzene	7.33	146	89658	41.82	ng	98
13) 1,4-Dichlorobenzene	7.54	146	93436	42.27	ng	94
14) 1,2-Dichlorobenzene	7.85	146	86560	41.33	ng	100
15) Benzyl Alcohol	7.96	79	71393	42.61	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.30	45	96537	39.76	ng	98
17) 2-Methylphenol	8.32	107	63767	42.51	ng	# 89
18) Hexachloroethane	8.59	117	34235	42.64	ng	97
19) n-Nitroso-di-n-propylamine	8.59	70	59588	40.06	ng	99
20) 3+4-Methylphenols	8.70	107	75282m	38.94	ng	
22) Acetophenone	8.51	105	115159	43.11	ng	99
24) Nitrobenzene	8.85	77	84785	43.92	ng	98
25) Isophorone	9.46	82	155739	44.38	ng	96
26) 2-Nitrophenol	9.60	139	40144	42.03	ng	93
27) 2,4-Dimethylphenol	9.89	122	67487	42.79	ng	95
28) bis(2-Chloroethoxy)methane	10.09	93	88007	41.19	ng	99
29) 2,4-Dichlorophenol	10.21	162	61293m	42.53	ng	
30) 1,2,4-Trichlorobenzene	10.33	180	73299	44.98	ng	98
31) Naphthalene	10.45	128	244413	44.53	ng	99
32) Benzoic acid	10.33	122	7134	32.91	ng	# 84
33) 4-Chloroaniline	10.73	127	97557m	44.06	ng	
34) Hexachlorobutadiene	10.83	225	41490	44.82	ng	97
35) Caprolactam	11.60	113	17980	41.18	ng	# 72
36) 4-Chloro-3-methylphenol	12.04	107	70014	43.42	ng	99
37) 2-Methylnaphthalene	12.11	142	174055	42.30	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.51	216	60328	40.89	ng	# 100
40) Hexachlorocyclopentadiene	12.50	237	25185	39.30	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	42894	44.21	nq	96
43) 2,4,5-Trichlorophenol	12.98	196	40636m	42.72	nq	
45) 1,1'-Biphenyl	13.27	154	194590	43.07	nq	99
46) 2-Chloronaphthalene	13.23	162	158531	43.94	nq	97
47) 2-Nitroaniline	13.60	65	48199	45.72	nq	96
48) Acenaphthylene	14.18	152	264715	46.50	nq	99
49) Dimethylphthalate	14.16	163	181124	42.72	nq	99
50) 2,6-Dinitrotoluene	14.25	165	35695	43.54	nq	92
51) Acenaphthene	14.60	154	149727	45.41	nq	97
52) 3-Nitroaniline	14.59	138	40895	40.78	nq	97
53) 2,4-Dinitrophenol	14.91	184	6546	36.51	nq	# 58
54) Dibenzofuran	15.03	168	216217	42.41	nq	98
55) 4-Nitrophenol	15.25	139	16768	34.36	nq	# 84
56) 2,4-Dinitrotoluene	15.19	165	51389	43.86	nq	# 92
57) Fluorene	15.80	166	183400	43.94	nq	97
58) 2,3,4,6-Tetrachlorophenol	15.40	232	30194	47.05	nq	# 100
59) Diethylphthalate	15.83	149	191619	43.40	nq	99
60) 4-Chlorophenyl-phenylether	15.91	204	74804	43.11	nq	94
61) 4-Nitroaniline	15.99	138	42171	45.10	nq	95
62) Azobenzene	16.21	77	180420m	42.84	nq	
64) 4,6-Dinitro-2-methylphenol	16.07	198	22185	39.35	nq	97
65) n-Nitrosodiphenylamine	16.17	169	150495	41.80	nq	97
66) 4-Bromophenyl-phenylether	16.80	248	42658	40.44	nq	97
67) Hexachlorobenzene	16.81	284	44435	41.37	nq	93
68) Atrazine	17.20	200	47348	41.52	nq	95
69) Pentachlorophenol	17.20	266	12677m	43.19	nq	
70) Phenanthrene	17.47	178	263798	43.33	nq	99
71) Anthracene	17.55	178	256200	41.95	nq	99
72) Carbazole	17.85	167	251602	43.13	nq	98
73) Di-n-butylphthalate	18.45	149	324474	43.70	nq	100
74) Fluoranthene	19.13	202	276405	44.08	nq	98
76) Benzidine	19.38	184	99179	24.65	nq	99
77) Pyrene	19.41	202	292127	44.12	nq	100
79) Butylbenzylphthalate	20.36	149	145999	43.55	nq	97
80) Benzo(a)anthracene	20.95	228	272585	44.61	nq	99
81) 3,3'-Dichlorobenzidine	20.96	252	87207	40.70	nq	98
82) Chrysene	20.98	228	245272	44.30	nq	97
83) Bis(2-ethylhexyl)phthalate	21.11	149	215933	43.29	nq	97
84) Di-n-octyl phthalate	21.87	149	393313	45.85	nq	99
85) Indeno(1,2,3-cd)pyrene	23.67	276	292861m	54.40	nq	
87) Benzo(b)fluoranthene	22.18	252	316595	47.96	nq	98
88) Benzo(k)fluoranthene	22.21	252	197944m	39.70	nq	
89) Benzo(a)pyrene	22.52	252	240885	43.83	nq	98
90) Dibenzo(a,h)anthracene	23.69	278	231065m	47.34	nq	
91) Benzo(g,h,i)perylene	23.92	276	229826m	47.59	nq	

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

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