

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021015\
 Data File : BF077234.D
 Acq On : 10 Feb 2015 12:15
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 LabSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

apatel
 2/11/2015 4:06:16 PM

Quant Time: Feb 11 09:50:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 10 13:30:38 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	23191	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	97797	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	51924	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	85859	20.00	ng	0.00
75) Chrysene-d12	21.01	240	87320	20.00	ng	0.00
86) Perylene-d12	22.66	264	75727	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	4.59	112	120559	85.47	ng	0.00
7) Phenol-d6	7.01	99	150942	84.83	ng	0.00
23) Nitrobenzene-d5	8.90	82	154321	87.42	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	33210	78.79	ng	0.00
44) 2-Fluorobiphenyl	13.16	172	302132	88.55	ng	0.00
78) Terphenyl-d14	19.76	244	323780	85.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.05	88	24357	40.33	ng	95
3) Pyridine	1.47	79	71118m	45.51	ng	
4) n-Nitrosodimethylamine	1.44	42	35705m	46.12	ng	
6) Aniline	6.88	93	103627	42.08	ng	100
8) 2-Chlorophenol	7.13	128	68010	41.82	ng	92
9) Benzaldehyde	6.60	77	39792	39.03	ng	95
10) Phenol	7.04	94	75406	39.91	ng	88
11) bis(2-Chloroethyl)ether	7.14	93	65613	44.38	ng	# 83
12) 1,3-Dichlorobenzene	7.44	146	79707	43.08	ng	99
13) 1,4-Dichlorobenzene	7.63	146	84088	42.86	ng	97
14) 1,2-Dichlorobenzene	7.94	146	78963	43.68	ng	97
15) Benzyl Alcohol	8.05	79	59348	41.22	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.40	45	90580	45.58	ng	87
17) 2-Methylphenol	8.41	107	55342	41.65	ng	93
18) Hexachloroethane	8.68	117	31141	45.64	ng	92
19) n-Nitroso-di-n-propylamine	8.68	70	51730	41.53	ng	99
20) 3+4-Methylphenols	8.78	107	63407	36.04	ng	94
22) Acetophenone	8.60	105	102976	42.99	ng	97
24) Nitrobenzene	8.94	77	73862	41.07	ng	98
25) Isophorone	9.55	82	133034	41.38	ng	97
26) 2-Nitrophenol	9.69	139	33316	36.61	ng	89
27) 2,4-Dimethylphenol	9.97	122	57032	41.01	ng	96
28) bis(2-Chloroethoxy)methane	10.18	93	79917	43.74	ng	98
29) 2,4-Dichlorophenol	10.30	162	50483	38.95	ng	96
30) 1,2,4-Trichlorobenzene	10.42	180	63526	44.13	ng	96
31) Naphthalene	10.54	128	214269	42.56	ng	99
32) Benzoic acid	10.40	122	24495m	31.79	ng	
33) 4-Chloroaniline	10.81	127	80355	39.50	ng	99
34) Hexachlorobutadiene	10.92	225	37389	43.77	ng	98
35) Caprolactam	11.68	113	13741	36.01	ng	# 85
36) 4-Chloro-3-methylphenol	12.12	107	57567	38.79	ng	98
37) 2-Methylnaphthalene	12.20	142	141392	41.12	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.60	216	54934	42.79	ng	97
40) Hexachlorocyclopentadiene	12.59	237	25048	38.75	ng	96

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42) 2,4,6-Trichlorophenol	12.97	196	37003	39.56	nq	98
43) 2,4,5-Trichlorophenol	13.06	196	34371	36.03	nq	93
45) 1,1'-Biphenyl	13.36	154	173541	45.08	nq	98
46) 2-Chloronaphthalene	13.33	162	136839	43.20	nq	97
47) 2-Nitroaniline	13.69	65	41185	42.86	nq	86
48) Acenaphthylene	14.27	152	227629	42.60	nq	98
49) Dimethylphthalate	14.24	163	161359	43.82	nq	99
50) 2,6-Dinitrotoluene	14.33	165	31652	43.02	nq	# 84
51) Acenaphthene	14.69	154	129339	42.67	nq	95
52) 3-Nitroaniline	14.68	138	36530	38.40	nq	# 93
53) 2,4-Dinitrophenol	14.99	184	9999m	36.46	nq	
54) Dibenzofuran	15.13	168	192276	43.54	nq	98
55) 4-Nitrophenol	15.33	139	21308m	36.92	nq	
56) 2,4-Dinitrotoluene	15.28	165	44107	40.34	nq	95
57) Fluorene	15.89	166	157831	42.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.49	232	23462	33.78	nq	# 83
59) Diethylphthalate	15.91	149	165757	44.54	nq	98
60) 4-Chlorophenyl-phenylether	16.00	204	65301	42.66	nq	91
61) 4-Nitroaniline	16.07	138	35484	38.55	nq	98
62) Azobenzene	16.29	77	160115m	41.29	nq	
64) 4,6-Dinitro-2-methylphenol	16.13	198	19179	35.67	nq	73
65) n-Nitrosodiphenylamine	16.25	169	129448	42.28	nq	97
66) 4-Bromophenyl-phenylether	16.87	248	38363	44.10	nq	99
67) Hexachlorobenzene	16.88	284	39912	43.54	nq	# 84
68) Atrazine	17.27	200	39835	42.88	nq	98
69) Pentachlorophenol	17.27	266	10917m	30.63	nq	
70) Phenanthrene	17.54	178	230626	43.07	nq	99
71) Anthracene	17.62	178	220463	42.22	nq	99
72) Carbazole	17.92	167	224071	44.25	nq	100
73) Di-n-butylphthalate	18.52	149	270163	46.09	nq	100
74) Fluoranthene	19.20	202	242443	44.19	nq	98
76) Benzidine	19.45	184	140320	50.22	nq	100
77) Pyrene	19.47	202	238472	39.85	nq	98
79) Butylbenzylphthalate	20.42	149	120188	44.35	nq	88
80) Benzo(a)anthracene	21.00	228	232333	42.41	nq	99
81) 3,3'-Dichlorobenzidine	21.01	252	74712	42.91	nq	# 96
82) Chrysene	21.05	228	208925	41.82	nq	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	168459	44.92	nq	97
84) Di-n-octyl phthalate	21.93	149	302475	46.48	nq	97
85) Indeno(1,2,3-cd)pyrene	23.73	276	228186	43.10	nq	# 82
87) Benzo(b)fluoranthene	22.25	252	207126	40.61	nq	# 97
88) Benzo(k)fluoranthene	22.28	252	213756m	47.97	nq	
89) Benzo(a)pyrene	22.59	252	201564	44.80	nq	97
90) Dibenzo(a,h)anthracene	23.76	278	181766	44.03	nq	# 94
91) Benzo(g,h,i)perylene	24.00	276	188101	45.84	nq	97

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

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