

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079510.D
 Acq On : 27 May 2015 8:34
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

apatel
 5/27/2015 2:03:10 PM

Quant Time: May 27 12:26:45 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	75041	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	309749	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	155696	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	299767	20.00	ng	0.01
75) Chrysene-d12	15.91	240	316053	20.00	ng	0.03
86) Perylene-d12	17.70	264	340281	20.00	ng	0.11

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	355608m	82.19	ng	0.00
7) Phenol-d6	6.62	99	469314	85.10	ng	0.00
23) Nitrobenzene-d5	7.72	82	461461	86.12	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	145551	85.11	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	855540	78.39	ng	0.00
78) Terphenyl-d14	14.59	244	1046853	77.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.84	88	82709m	40.19	ng	
3) Pyridine	2.49	79	195616m	43.16	ng	
4) n-Nitrosodimethylamine	2.43	42	94232m	42.23	ng	
6) Aniline	6.62	93	333564m	42.62	ng	
8) 2-Chlorophenol	6.75	128	206338	40.97	ng	93
9) Benzaldehyde	6.47	77	133774	44.50	ng	100
10) Phenol	6.63	94	272513	41.97	ng	95
11) bis(2-Chloroethyl)ether	6.72	93	194736	41.46	ng	96
12) 1,3-Dichlorobenzene	6.94	146	233081	41.77	ng	97
13) 1,4-Dichlorobenzene	7.04	146	236466	41.54	ng	98
14) 1,2-Dichlorobenzene	7.22	146	220412	41.69	ng	98
15) Benzyl Alcohol	7.22	79	167321	41.29	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	288726	42.00	ng	99
17) 2-Methylphenol	7.38	107	164438	41.56	ng	99
18) Hexachloroethane	7.63	117	62700	32.00	ng	96
19) n-Nitroso-di-n-propylamine	7.55	70	158462	40.84	ng	# 87
20) 3+4-Methylphenols	7.58	107	227805	41.90	ng	98
22) Acetophenone	7.54	105	282411	40.70	ng	# 89
24) Nitrobenzene	7.75	77	216735	41.04	ng	# 83
25) Isophorone	8.04	82	414360	42.42	ng	97
26) 2-Nitrophenol	8.14	139	82646	33.05	ng	94
27) 2,4-Dimethylphenol	8.22	122	189811	42.23	ng	97
28) bis(2-Chloroethoxy)methane	8.33	93	258194	42.65	ng	99
29) 2,4-Dichlorophenol	8.44	162	179504	43.60	ng	98
30) 1,2,4-Trichlorobenzene	8.54	180	183078	42.87	ng	93
31) Naphthalene	8.63	128	631757	42.50	ng	99
32) Benzoic acid	8.35	122	101085	36.24	ng	95
33) 4-Chloroaniline	8.71	127	266934	42.98	ng	97
34) Hexachlorobutadiene	8.78	225	98155	40.40	ng	97
35) Caprolactam	9.15	113	57639	44.39	ng	92
36) 4-Chloro-3-methylphenol	9.34	107	182185	42.66	ng	# 80
37) 2-Methylnaphthalene	9.48	142	438887	42.53	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	176756	40.59	ng	# 100
40) Hexachlorocyclopentadiene	9.67	237	749	5.78	ng	75

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.85	196	126290	41.53	nq	97
43) 2,4,5-Trichlorophenol	9.90	196	128795	42.55	nq	# 93
45) 1,1'-Biphenyl	10.07	154	506957	41.69	nq	99
46) 2-Chloronaphthalene	10.08	162	384842	40.07	nq	97
47) 2-Nitroaniline	10.23	65	127787	44.75	nq	# 60
48) Acenaphthylene	10.59	152	668210	41.91	nq	99
49) Dimethylphthalate	10.46	163	445362	38.82	nq	99
50) 2,6-Dinitrotoluene	10.54	165	90472	39.47	nq	# 79
51) Acenaphthene	10.81	154	375490	41.19	nq	98
52) 3-Nitroaniline	10.74	138	138572	46.48	nq	# 76
54) Dibenzofuran	11.03	168	550059	40.91	nq	93
55) 4-Nitrophenol	10.98	139	73593m	44.52	nq	
56) 2,4-Dinitrotoluene	11.04	165	116025	37.75	nq	# 74
57) Fluorene	11.45	166	459813	41.49	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.19	232	99495	45.17	nq	# 100
59) Diethylphthalate	11.34	149	459436	40.91	nq	97
60) 4-Chlorophenyl-phenylether	11.46	204	199381	41.64	nq	# 84
61) 4-Nitroaniline	11.50	138	140807	50.70	nq	86
62) Azobenzene	11.66	77	480587	44.00	nq	89
64) 4,6-Dinitro-2-methylphenol	11.54	198	1808	8.02	nq	# 68
65) n-Nitrosodiphenylamine	11.61	169	412552	41.44	nq	98
66) 4-Bromophenyl-phenylether	12.06	248	126742	41.06	nq	# 85
67) Hexachlorobenzene	12.13	284	146233	41.55	nq	# 87
68) Atrazine	12.29	200	105062	39.06	nq	97
69) Pentachlorophenol	12.38	266	65945	48.91	nq	97
70) Phenanthrene	12.63	178	675311	41.06	nq	99
71) Anthracene	12.70	178	694083	41.57	nq	99
72) Carbazole	12.91	167	684238	42.57	nq	98
73) Di-n-butylphthalate	13.36	149	770686	42.78	nq	99
74) Fluoranthene	14.10	202	750137	42.54	nq	95
76) Benzidine	14.30	184	455424	67.28	nq	99
77) Pyrene	14.39	202	800818	40.90	nq	99
79) Butylbenzylphthalate	15.22	149	364617	41.41	nq	95
80) Benzo(a)anthracene	15.90	228	725625	39.91	nq	100
81) 3,3'-Dichlorobenzidine	15.87	252	287216	43.14	nq	# 98
82) Chrysene	15.94	228	689212	39.88	nq	99
83) Bis(2-ethylhexyl)phthalate	15.97	149	515179	40.84	nq	100
84) Di-n-octyl phthalate	16.79	149	913806	41.62	nq	100
85) Indeno(1,2,3-cd)pyrene	19.05	276	808044	36.35	nq	99
87) Benzo(b)fluoranthene	17.25	252	780406m	40.21	nq	
88) Benzo(k)fluoranthene	17.28	252	746131	42.99	nq	99
89) Benzo(a)pyrene	17.63	252	704597	41.24	nq	# 97
90) Dibenzo(a,h)anthracene	19.07	278	676287	37.74	nq	96
91) Benzo(g,h,i)perylene	19.44	276	669693	37.75	nq	99

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

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