

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079266.D
 Acq On : 15 May 2015 13:27
 Operator : TP/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

apatel
 5/18/2015 3:37:44 PM

Quant Time: May 15 23:09:11 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	79471	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	331306	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	161100	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	297653	20.00	ng	0.00
75) Chrysene-d12	16.09	240	291230	20.00	ng	0.00
86) Perylene-d12	17.93	264	288705	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	349331m	75.67	ng	0.00
7) Phenol-d6	6.75	99	482327	79.04	ng	0.00
23) Nitrobenzene-d5	7.87	82	432712	75.06	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	135355	77.67	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	833092	72.05	ng	0.00
78) Terphenyl-d14	14.77	244	915797	75.29	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.07	88	82200m	40.95	ng	
3) Pyridine	2.76	79	214909m	36.58	ng	
4) n-Nitrosodimethylamine	2.70	42	95142m	37.80	ng	
6) Aniline	6.76	93	319701	37.11	ng	# 40
8) 2-Chlorophenol	6.91	128	207324	39.59	ng	86
9) Benzaldehyde	6.63	77	143810	34.98	ng	99
10) Phenol	6.76	94	265820	37.55	ng	# 48
11) bis(2-Chloroethyl)ether	6.87	93	183193	35.30	ng	84
12) 1,3-Dichlorobenzene	7.11	146	223533	37.98	ng	99
13) 1,4-Dichlorobenzene	7.20	146	229433	37.88	ng	98
14) 1,2-Dichlorobenzene	7.38	146	215493	38.22	ng	99
15) Benzyl Alcohol	7.37	79	168555	37.21	ng	# 88
16) 2,2'-oxybis(1-Chloropropan	7.54	45	283803	35.74	ng	98
17) 2-Methylphenol	7.52	107	160759	38.15	ng	98
18) Hexachloroethane	7.80	117	79463	38.09	ng	88
19) n-Nitroso-di-n-propylamine	7.70	70	159700	38.74	ng	97
20) 3+4-Methylphenols	7.70	107	219498	39.09	ng	# 53
22) Acetophenone	7.69	105	291662	38.97	ng	# 88
24) Nitrobenzene	7.90	77	216110	37.82	ng	# 91
25) Isophorone	8.19	82	398190	37.26	ng	# 92
26) 2-Nitrophenol	8.28	139	100292	42.41	ng	# 78
27) 2,4-Dimethylphenol	8.35	122	178598	37.74	ng	94
28) bis(2-Chloroethoxy)methane	8.48	93	255594	38.80	ng	99
29) 2,4-Dichlorophenol	8.59	162	169862	40.36	ng	87
30) 1,2,4-Trichlorobenzene	8.68	180	177437	38.38	ng	97
31) Naphthalene	8.79	128	600893	38.06	ng	99
32) Benzoic acid	8.48	122	124050m	42.66	ng	
33) 4-Chloroaniline	8.86	127	255255	38.21	ng	95
34) Hexachlorobutadiene	8.94	225	100806	37.87	ng	98
35) Caprolactam	9.30	113	53348	39.20	ng	91
36) 4-Chloro-3-methylphenol	9.47	107	180324	40.80	ng	97
37) 2-Methylnaphthalene	9.64	142	437153	39.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	179545	39.57	ng	98
40) Hexachlorocyclopentadiene	9.83	237	75309	33.01	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	121853	39.06	nq	98
43) 2,4,5-Trichlorophenol	10.04	196	124363	39.44	nq	97
45) 1,1'-Biphenyl	10.23	154	504938	39.43	nq	99
46) 2-Chloronaphthalene	10.24	162	374101	37.45	nq	99
47) 2-Nitroaniline	10.38	65	110288	38.10	nq	# 82
48) Acenaphthylene	10.75	152	624093	38.05	nq	100
49) Dimethylphthalate	10.62	163	437999	37.04	nq	100
50) 2,6-Dinitrotoluene	10.68	165	88026	37.72	nq	# 50
51) Acenaphthene	10.97	154	359577	36.76	nq	99
52) 3-Nitroaniline	10.89	138	120233	41.25	nq	87
53) 2,4-Dinitrophenol	11.03	184	30103	44.19	nq	# 57
54) Dibenzofuran	11.19	168	534872	37.86	nq	98
55) 4-Nitrophenol	11.11	139	84892	36.80	nq	# 77
56) 2,4-Dinitrotoluene	11.19	165	123455	40.02	nq	94
57) Fluorene	11.61	166	435349	37.54	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.34	232	95367	37.01	nq	99
59) Diethylphthalate	11.50	149	441164	37.66	nq	97
60) 4-Chlorophenyl-phenylether	11.62	204	191652	37.25	nq	91
61) 4-Nitroaniline	11.64	138	115864	39.73	nq	98
62) Azobenzene	11.82	77	472923	40.97	nq	96
64) 4,6-Dinitro-2-methylphenol	11.69	198	52910	44.10	nq	94
65) n-Nitrosodiphenylamine	11.77	169	386444	38.98	nq	99
66) 4-Bromophenyl-phenylether	12.23	248	119847	38.63	nq	# 82
67) Hexachlorobenzene	12.29	284	133562	37.66	nq	# 78
68) Atrazine	12.45	200	110330	38.27	nq	95
69) Pentachlorophenol	12.54	266	71274	38.26	nq	97
70) Phenanthrene	12.80	178	622339	37.37	nq	99
71) Anthracene	12.87	178	619764	37.94	nq	99
72) Carbazole	13.07	167	601375	38.62	nq	99
73) Di-n-butylphthalate	13.52	149	695511	37.25	nq	# 97
74) Fluoranthene	14.27	202	630985	36.36	nq	97
76) Benzidine	14.46	184	281382	35.85	nq	98
77) Pyrene	14.55	202	664374	39.59	nq	99
79) Butylbenzylphthalate	15.39	149	319466	43.55	nq	95
80) Benzo(a)anthracene	16.08	228	617650	38.73	nq	100
81) 3,3'-Dichlorobenzidine	16.06	252	231970	40.83	nq	# 98
82) Chrysene	16.13	228	586494	38.24	nq	99
83) Bis(2-ethylhexyl)phthalate	16.14	149	457951	41.21	nq	# 96
84) Di-n-octyl phthalate	16.99	149	777243	39.72	nq	97
85) Indeno(1,2,3-cd)pyrene	19.36	276	728912	37.30	nq	99
87) Benzo(b)fluoranthene	17.45	252	619472	39.20	nq	99
88) Benzo(k)fluoranthene	17.50	252	582171	38.06	nq	99
89) Benzo(a)pyrene	17.86	252	574093	39.46	nq	98
90) Dibenzo(a,h)anthracene	19.39	278	599617	38.77	nq	99
91) Benzo(g,h,i)perylene	19.78	276	587755	37.92	nq	# 96

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

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