

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081915\
 Data File : BF081124.D
 Acq On : 20 Aug 2015 13:26
 Operator : UM/IZ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

MMDadoda
 8/20/2015 3:42:36 PM

Quant Time: Aug 20 13:54:19 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	62304	20.00	ng	0.01
21) Naphthalene-d8	7.88	136	243413	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	109820	20.00	ng	0.00
63) Phenanthrene-d10	11.10	188	176798	20.00	ng	0.01
75) Chrysene-d12	13.72	240	121093	20.00	ng	0.01
86) Perylene-d12	15.05	264	91250	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	322779	77.92	ng	0.01
7) Phenol-d6	6.24	99	425748	78.77	ng	0.01
23) Nitrobenzene-d5	7.17	82	440154	82.60	ng	0.00
41) 2,4,6-Tribromophenol	10.41	330	67459	70.86	ng	0.01
44) 2-Fluorobiphenyl	8.96	172	693088	82.69	ng	0.00
78) Terphenyl-d14	12.68	244	478450	84.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.01	88	77341	39.62	ng	95
3) Pyridine	2.64	79	210243	38.16	ng	84
4) n-Nitrosodimethylamine	2.60	42	130568	42.57	ng	# 82
6) Aniline	6.25	93	303093	38.57	ng	# 49
8) 2-Chlorophenol	6.38	128	191353	42.20	ng	# 82
9) Benzaldehyde	6.13	77	141558	40.63	ng	99
10) Phenol	6.25	94	227225	35.60	ng	# 73
11) bis(2-Chloroethyl)ether	6.33	93	194550	39.72	ng	89
12) 1,3-Dichlorobenzene	6.53	146	189573m	38.91	ng	
13) 1,4-Dichlorobenzene	6.61	146	193339	40.08	ng	94
14) 1,2-Dichlorobenzene	6.77	146	184629m	40.89	ng	
15) Benzyl Alcohol	6.74	79	164341	37.58	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	389045	40.42	ng	96
17) 2-Methylphenol	6.87	107	163709	42.08	ng	95
18) Hexachloroethane	7.10	117	59501	30.53	ng	91
19) n-Nitroso-di-n-propylamine	7.03	70	163985	43.80	ng	87
20) 3+4-Methylphenols	7.03	107	209551	42.44	ng	# 43
22) Acetophenone	7.02	105	276220	43.22	ng	# 88
24) Nitrobenzene	7.18	77	216911	38.93	ng	91
25) Isophorone	7.43	82	416899	41.96	ng	97
26) 2-Nitrophenol	7.50	139	65310	28.19	ng	# 77
27) 2,4-Dimethylphenol	7.56	122	178354	43.51	ng	91
28) bis(2-Chloroethoxy)methane	7.65	93	243887	41.55	ng	100
29) 2,4-Dichlorophenol	7.75	162	145464	42.15	ng	97
30) 1,2,4-Trichlorobenzene	7.83	180	156550	40.82	ng	97
31) Naphthalene	7.90	128	505473	37.25	ng	99
32) Benzoic acid	7.68	122	72844	31.59	ng	88
33) 4-Chloroaniline	7.96	127	209264	36.55	ng	97
34) Hexachlorobutadiene	8.02	225	93090	42.92	ng	98
35) Caprolactam	8.34	113	46317	38.40	ng	# 87
36) 4-Chloro-3-methylphenol	8.45	107	156127	37.96	ng	97
37) 2-Methylnaphthalene	8.60	142	335336m	39.13	ng	
39) 1,2,4,5-Tetrachlorobenzene	8.76	216	133060	37.55	ng	98
40) Hexachlorocyclopentadiene	8.74	237	8257	4.50	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.87	196	91192	36.43	ng	98
43) 2,4,5-Trichlorophenol	8.92	196	99941	39.95	ng	97
45) 1,1'-Biphenyl	9.05	154	347302	35.90	ng	95
46) 2-Chloronaphthalene	9.08	162	290683	37.41	ng	93
47) 2-Nitroaniline	9.18	65	145270	45.68	ng	89
48) Acenaphthylene	9.49	152	521544	37.52	ng	98
49) Dimethylphthalate	9.36	163	342191	37.83	ng	99
50) 2,6-Dinitrotoluene	9.42	165	57880	29.81	ng	# 56
51) Acenaphthene	9.66	154	288633	34.68	ng	99
52) 3-Nitroaniline	9.59	138	108026	44.46	ng	94
54) Dibenzofuran	9.83	168	435509	39.05	ng	95
55) 4-Nitrophenol	9.76	139	56645	33.19	ng	# 54
56) 2,4-Dinitrotoluene	9.82	165	68321	26.55	ng	# 69
57) Fluorene	10.17	166	317560	37.02	ng	99
58) 2,3,4,6-Tetrachlorophenol	9.96	232	67079	34.64	ng	96
59) Diethylphthalate	10.06	149	350651	36.63	ng	98
60) 4-Chlorophenyl-phenylether	10.17	204	140144	38.60	ng	# 76
61) 4-Nitroaniline	10.20	138	94427	38.02	ng	91
62) Azobenzene	10.32	77	379549	34.41	ng	97
65) n-Nitrosodiphenylamine	10.29	169	295601	46.84	ng	98
66) 4-Bromophenyl-phenylether	10.65	248	83063	47.82	ng	# 85
67) Hexachlorobenzene	10.71	284	73042	41.53	ng	# 83
68) Atrazine	10.81	200	55783	31.72	ng	97
69) Pentachlorophenol	10.90	266	39462	37.39	ng	98
70) Phenanthrene	11.12	178	432884	41.31	ng	100
71) Anthracene	11.17	178	387742	38.03	ng	99
72) Carbazole	11.33	167	371839	37.88	ng	99
73) Di-n-butylphthalate	11.67	149	498303	41.95	ng	99
74) Fluoranthene	12.30	202	418224	36.99	ng	97
76) Benzidine	12.43	184	211199	46.17	ng	99
77) Pyrene	12.52	202	374117	38.00	ng	99
79) Butylbenzylphthalate	13.16	149	195428	46.18	ng	# 73
80) Benzo(a)anthracene	13.71	228	341088	42.00	ng	99
81) 3,3'-Dichlorobenzidine	13.67	252	112906	42.92	ng	97
82) Chrysene	13.74	228	327098	44.69	ng	99
83) Bis(2-ethylhexyl)phthalate	13.72	149	268740	49.58	ng	# 95
84) Di-n-octyl phthalate	14.33	149	456108	55.37	ng	100
85) Indeno(1,2,3-cd)pyrene	16.27	276	202967	39.50	ng	# 93
87) Benzo(b)fluoranthene	14.70	252	311130m	48.20	ng	
88) Benzo(k)fluoranthene	14.72	252	212657m	35.36	ng	
89) Benzo(a)pyrene	15.00	252	225533	40.10	ng	# 94
90) Dibenzo(a,h)anthracene	16.28	278	170102	38.82	ng	# 95
91) Benzo(g,h,i)perylene	16.63	276	157150	35.35	ng	96

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

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