

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041117\
 Data File : BF094378.D
 Acq On : 12 Apr 2017 5:32
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 4/12/2017 5:12:18 PM

Quant Time: Apr 12 13:27:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 13:20:29 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.83	152	139045	20.00	ng	-0.03
21) Naphthalene-d8	7.33	136	535567	20.00	ng	-0.03
38) Acenaphthene-d10	9.47	164	215801	20.00	ng	-0.02
63) Phenanthrene-d10	11.29	188	345087	20.00	ng	-0.03
75) Chrysene-d12	14.55	240	300963	20.00	ng	-0.02
86) Perylene-d12	16.17	264	225260	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	4.37	112	581250	70.61	ng	-0.01
7) Phenol-d6	5.46	99	733533	72.03	ng	0.00
23) Nitrobenzene-d5	6.49	82	770954	82.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.45	330	74609	43.75	ng	-0.03
44) 2-Fluorobiphenyl	8.66	172	1253645	88.61	ng	-0.03
78) Terphenyl-d14	13.27	244	1067175	79.48	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.12	88	153999	38.94	ng	97
3) Pyridine	2.63	79	392108	36.38	ng	98
4) n-Nitrosodimethylamine	2.60	42	166388	37.52	ng	91
6) Aniline	5.45	93	519180	36.65	ng	99
8) 2-Chlorophenol	5.60	128	336100	37.14	ng	98
9) Benzaldehyde	5.32	77	241442	35.11	ng	99
10) Phenol	5.47	94	448738	38.72	ng	90
11) bis(2-Chloroethyl)ether	5.53	93	358569	39.59	ng	99
12) 1,3-Dichlorobenzene	5.76	146	412677	40.66	ng	98
13) 1,4-Dichlorobenzene	5.85	146	419605	40.82	ng	97
14) 1,2-Dichlorobenzene	6.03	146	387181	40.90	ng	96
15) Benzyl Alcohol	6.00	79	262960	35.28	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.16	45	475649	34.08	ng	# 12
17) 2-Methylphenol	6.16	107	295113	38.08	ng	# 89
18) Hexachloroethane	6.42	117	123134	34.08	ng	# 85
19) n-Nitroso-di-n-propylamine	6.32	70	255908	39.10	ng	97
20) 3+4-Methylphenols	6.34	107	384638	40.98	ng	# 62
22) Acetophenone	6.30	105	510605	42.78	ng	# 85
24) Nitrobenzene	6.50	77	373404	40.34	ng	94
25) Isophorone	6.79	82	584876	35.47	ng	95
26) 2-Nitrophenol	6.87	139	66076	14.97	ng	96
27) 2,4-Dimethylphenol	6.96	122	299816	39.42	ng	99
28) bis(2-Chloroethoxy)methane	7.05	93	431838	39.71	ng	99
29) 2,4-Dichlorophenol	7.19	162	233417	32.82	ng	99
30) 1,2,4-Trichlorobenzene	7.27	180	297060	40.56	ng	99
31) Naphthalene	7.36	128	1022621	39.71	ng	100
33) 4-Chloroaniline	7.43	127	413875	39.65	ng	# 94
34) Hexachlorobutadiene	7.52	225	153840	40.96	ng	99
35) Caprolactam	7.85	113	63455	27.98	ng	97
36) 4-Chloro-3-methylphenol	8.06	107	258301	34.76	ng	90
37) 2-Methylnaphthalene	8.20	142	662251	38.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.41	216	264140	44.74	ng	99
40) Hexachlorocyclopentadiene	8.39	237	11202	4.05	ng	95
42) 2,4,6-Trichlorophenol	8.56	196	105035	25.15	ng	96

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43) 2,4,5-Trichlorophenol	8.62	196	119534	26.45	nq	94
45) 1,1'-Biphenyl	8.77	154	732244	42.07	nq	98
46) 2-Chloronaphthalene	8.80	162	562488	41.28	nq	96
47) 2-Nitroaniline	8.93	65	164657	40.74	nq	# 81
48) Acenaphthylene	9.30	152	893610	39.46	nq	100
49) Dimethylphthalate	9.16	163	655055	42.70	nq	99
50) 2,6-Dinitrotoluene	9.23	165	140297	39.90	nq	97
51) Acenaphthene	9.52	154	516311	39.07	nq	100
52) 3-Nitroaniline	9.44	138	175682	42.55	nq	83
54) Dibenzofuran	9.73	168	689165	38.31	nq	100
55) 4-Nitrophenol	9.70	139	47457m	14.68	nq	
56) 2,4-Dinitrotoluene	9.72	165	156578	35.45	nq	# 66
57) Fluorene	10.15	166	571845	38.34	nq	98
58) 2,3,4,6-Tetrachlorophenol	9.89	232	45647	14.72	nq	# 71
59) Diethylphthalate	10.03	149	612225	40.38	nq	98
60) 4-Chlorophenyl-phenylether	10.16	204	252170	39.68	nq	# 87
61) 4-Nitroaniline	10.19	138	166513	42.02	nq	95
62) Azobenzene	10.35	77	518283	36.14	nq	93
65) n-Nitrosodiphenylamine	10.30	169	505275	42.34	nq	100
66) 4-Bromophenyl-phenylether	10.75	248	145880	42.98	nq	97
67) Hexachlorobenzene	10.83	284	138957	40.45	nq	# 90
68) Atrazine	10.98	200	149074	41.71	nq	99
69) Pentachlorophenol	11.09	266	10059	4.70	nq	93
70) Phenanthrene	11.33	178	771185	40.17	nq	98
71) Anthracene	11.39	178	796759	40.31	nq	98
72) Carbazole	11.60	167	807193	39.83	nq	98
73) Di-n-butylphthalate	12.04	149	895498	42.49	nq	98
74) Fluoranthene	12.79	202	806325	41.02	nq	97
76) Benzidine	12.96	184	439638	36.91	nq	95
77) Pyrene	13.07	202	832672	38.12	nq	98
79) Butylbenzylphthalate	13.89	149	373195	40.10	nq	90
80) Benzo(a)anthracene	14.54	228	694410	39.57	nq	99
81) 3,3'-Dichlorobenzidine	14.52	252	255328	40.70	nq	# 97
82) Chrysene	14.59	228	648773	39.84	nq	100
83) Bis(2-ethylhexyl)phthalate	14.60	149	523771	41.25	nq	99
84) Di-n-octyl phthalate	15.36	149	890553	41.99	nq	98
85) Indeno(1,2,3-cd)pyrene	17.50	276	488550	34.64	nq	99
87) Benzo(b)fluoranthene	15.77	252	609497	44.14	nq	98
88) Benzo(k)fluoranthene	15.80	252	530347	39.26	nq	97
89) Benzo(a)pyrene	16.12	252	513833	40.41	nq	99
90) Dibenzo(a,h)anthracene	17.52	278	417084	38.73	nq	99
91) Benzo(g,h,i)perylene	17.88	276	402121	37.05	nq	98

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

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