

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092464.D
 Acq On : 25 Jan 2017 9:29
 Operator : UM/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jan 25 10:32:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	176654	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	728862	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	404756	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	634982	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	530796	20.00	ng	-0.01
86) Perylene-d12	15.63	264	473026	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.56	112	921150	81.13	ng	0.01
7) Phenol-d6	6.59	99	1117142	77.24	ng	0.00
23) Nitrobenzene-d5	7.54	82	1053341	78.94	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	217360	78.80	ng	0.00
44) 2-Fluorobiphenyl	9.36	172	1773490	81.02	ng	0.00
78) Terphenyl-d14	13.10	244	1419468	71.21	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.62	88	237914	39.40	ng	85
3) Pyridine	3.38	79	660540	38.42	ng	# 84
4) n-Nitrosodimethylamine	3.33	42	321285	38.10	ng	82
6) Aniline	6.62	93	873082	40.47	ng	# 47
8) 2-Chlorophenol	6.75	128	489459	41.04	ng	97
9) Benzaldehyde	6.51	77	381335	37.15	ng	91
10) Phenol	6.60	94	653369	37.43	ng	# 74
11) bis(2-Chloroethyl)ether	6.70	93	550010	42.11	ng	95
12) 1,3-Dichlorobenzene	6.91	146	565493m	40.09	ng	
13) 1,4-Dichlorobenzene	6.99	146	588262	41.44	ng	94
14) 1,2-Dichlorobenzene	7.14	146	508634	37.77	ng	97
15) Benzyl Alcohol	7.10	79	424907	38.98	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1004559	38.88	ng	93
17) 2-Methylphenol	7.22	107	403849	39.63	ng	95
18) Hexachloroethane	7.49	117	200090	40.92	ng	90
19) n-Nitroso-di-n-propylamine	7.39	70	369423	37.51	ng	93
20) 3+4-Methylphenols	7.38	107	526977	42.63	ng	98
22) Acetophenone	7.39	105	674831	38.87	ng	# 86
24) Nitrobenzene	7.56	77	584161	41.79	ng	# 87
25) Isophorone	7.80	82	1002725	38.14	ng	97
26) 2-Nitrophenol	7.87	139	248254	42.38	ng	# 88
27) 2,4-Dimethylphenol	7.92	122	479644	39.37	ng	93
28) bis(2-Chloroethoxy)methane	8.01	93	624053	36.16	ng	98
29) 2,4-Dichlorophenol	8.11	162	408803	38.71	ng	87
30) 1,2,4-Trichlorobenzene	8.20	180	440791	38.61	ng	94
31) Naphthalene	8.28	128	1387680	37.20	ng	99
32) Benzoic acid	8.03	122	324952	36.89	ng	99
33) 4-Chloroaniline	8.33	127	601924	38.14	ng	# 92
34) Hexachlorobutadiene	8.41	225	251842	40.33	ng	98
35) Caprolactam	8.72	113	136120	38.60	ng	# 32
36) 4-Chloro-3-methylphenol	8.82	107	489637	42.99	ng	89
37) 2-Methylnaphthalene	8.98	142	875857	37.09	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.15	216	413706	40.52	ng	99
40) Hexachlorocyclopentadiene	9.14	237	217691	42.58	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	307419	39.30	nq	96
43) 2,4,5-Trichlorophenol	9.30	196	297775	41.60	nq #	88
45) 1,1'-Biphenyl	9.45	154	1036844	35.44	nq	96
46) 2-Chloronaphthalene	9.47	162	886112	37.08	nq	95
47) 2-Nitroaniline	9.56	65	318527	39.58	nq	91
48) Acenaphthylene	9.89	152	1407204	40.15	nq	99
49) Dimethylphthalate	9.76	163	1080165	41.97	nq	100
50) 2,6-Dinitrotoluene	9.81	165	236719	44.99	nq	93
51) Acenaphthene	10.06	154	830238	38.12	nq	96
52) 3-Nitroaniline	9.98	138	315215	47.84	nq	86
53) 2,4-Dinitrophenol	10.08	184	102446	42.31	nq #	1
54) Dibenzofuran	10.24	168	1127170	38.11	nq	96
55) 4-Nitrophenol	10.13	139	242092	46.27	nq #	80
56) 2,4-Dinitrotoluene	10.21	165	285248	40.85	nq	98
57) Fluorene	10.58	166	834874	38.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.35	232	225104	41.98	nq	99
59) Diethylphthalate	10.45	149	947707	38.40	nq	98
60) 4-Chlorophenyl-phenylether	10.57	204	397378	37.36	nq	97
61) 4-Nitroaniline	10.60	138	302504	45.90	nq	89
62) Azobenzene	10.73	77	1065308	37.93	nq	94
64) 4,6-Dinitro-2-methylphenol	10.62	198	178468	51.73	nq	81
65) n-Nitrosodiphenylamine	10.69	169	858690	43.30	nq	100
66) 4-Bromophenyl-phenylether	11.06	248	248581	38.77	nq #	88
67) Hexachlorobenzene	11.13	284	259487	40.04	nq #	90
68) Atrazine	11.22	200	248858	36.66	nq	99
69) Pentachlorophenol	11.32	266	182787	44.12	nq	99
70) Phenanthrene	11.54	178	1299008	37.15	nq	99
71) Anthracene	11.60	178	1455536	42.59	nq	98
72) Carbazole	11.74	167	1163142	35.65	nq	99
73) Di-n-butylphthalate	12.08	149	1522679	40.81	nq	98
74) Fluoranthene	12.73	202	1307628	38.23	nq	98
76) Benzidine	12.85	184	863766	43.84	nq	98
77) Pyrene	12.96	202	1392870	36.22	nq	99
79) Butylbenzylphthalate	13.57	149	662013	42.49	nq	94
80) Benzo(a)anthracene	14.15	228	1104544	38.72	nq	99
81) 3,3'-Dichlorobenzidine	14.11	252	448138	41.37	nq #	97
82) Chrysene	14.19	228	1166341	38.28	nq	98
83) Bis(2-ethylhexyl)phthalate	14.15	149	801655	40.85	nq #	95
84) Di-n-octyl phthalate	14.75	149	1557208	43.71	nq	98
85) Indeno(1,2,3-cd)pyrene	17.12	276	930065	41.26	nq #	94
87) Benzo(b)fluoranthene	15.20	252	1282429	42.23	nq	97
88) Benzo(k)fluoranthene	15.23	252	891804m	35.32	nq	
89) Benzo(a)pyrene	15.57	252	1026859	39.97	nq	99
90) Dibenzo(a,h)anthracene	17.14	278	818441	39.40	nq	99
91) Benzo(g,h,i)perylene	17.56	276	799840	38.07	nq #	91

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

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