

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096203.D
 Acq On : 25 Jun 2017 00:32
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 6/29/2017 4:38:05 PM

Quant Time: Jun 26 03:48:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	56799	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	217916	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	84293	20.00	ng	-0.04
63) Phenanthrene-d10	14.51	188	144047	20.00	ng	-0.03
75) Chrysene-d12	18.26	240	121443	20.00	ng	-0.02
86) Perylene-d12	19.93	264	92998	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	308995	86.69	ng	-0.04
7) Phenol-d6	6.85	99	343525	80.50	ng	-0.03
23) Nitrobenzene-d5	8.19	82	296858	84.60	ng	-0.03
41) 2,4,6-Tribromophenol	13.42	330	57806	77.51	ng	-0.03
44) 2-Fluorobiphenyl	11.08	172	546064	90.15	ng	-0.03
78) Terphenyl-d14	16.90	244	423504	86.54	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.55	88	101730m	59.99	ng	
3) Pyridine	2.08	79	155420	39.00	ng	97
4) n-Nitrosodimethylamine	2.05	42	60189	39.72	ng	# 78
6) Aniline	6.76	93	233996	41.91	ng	94
8) 2-Chlorophenol	6.96	128	157314	41.51	ng	95
9) Benzaldehyde	6.57	77	110047	38.23	ng	99
10) Phenol	6.87	94	184919	41.77	ng	94
11) bis(2-Chloroethyl)ether	6.91	93	155132	44.24	ng	97
12) 1,3-Dichlorobenzene	7.16	146	179280	41.79	ng	98
13) 1,4-Dichlorobenzene	7.29	146	183108	42.09	ng	97
14) 1,2-Dichlorobenzene	7.52	146	170815	42.59	ng	97
15) Benzyl Alcohol	7.59	79	112546	38.43	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.77	45	202584	41.12	ng	95
17) 2-Methylphenol	7.82	107	132551	41.67	ng	94
18) Hexachloroethane	8.03	117	44278	30.82	ng	# 83
19) n-Nitroso-di-n-propylamine	8.00	70	111479	41.22	ng	93
20) 3+4-Methylphenols	8.09	107	175114	43.37	ng	# 56
22) Acetophenone	7.96	105	217930	42.73	ng	# 82
24) Nitrobenzene	8.22	77	157657	42.06	ng	95
25) Isophorone	8.62	82	266636	40.70	ng	95
26) 2-Nitrophenol	8.73	139	56017	28.54	ng	95
27) 2,4-Dimethylphenol	8.89	122	130779	42.93	ng	97
28) bis(2-Chloroethoxy)methane	9.00	93	183827	42.56	ng	99
29) 2,4-Dichlorophenol	9.19	162	111750	38.09	ng	99
30) 1,2,4-Trichlorobenzene	9.23	180	126455	41.43	ng	97
31) Naphthalene	9.33	128	442092	40.42	ng	100
32) Benzoic acid	9.23	122	37468m	22.70	ng	
33) 4-Chloroaniline	9.49	127	175788	41.12	ng	# 92
34) Hexachlorobutadiene	9.55	225	66664	42.27	ng	99
35) Caprolactam	10.13	113	33409	38.27	ng	86
36) 4-Chloro-3-methylphenol	10.38	107	117528	38.27	ng	# 87
37) 2-Methylnaphthalene	10.46	142	290302	39.29	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	111039	44.02	ng	98
42) 2,4,6-Trichlorophenol	10.99	196	68320	42.12	ng	99

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43) 2,4,5-Trichlorophenol	11.09	196	70238	40.71	nq	94
45) 1,1'-Biphenyl	11.23	154	311646	44.86	nq	97
46) 2-Chloronaphthalene	11.24	162	234703	43.24	nq	95
47) 2-Nitroaniline	11.47	65	69239	43.59	nq	# 81
48) Acenaphthylene	11.89	152	370056	39.87	nq	98
49) Dimethylphthalate	11.78	163	277176	43.31	nq	99
50) 2,6-Dinitrotoluene	11.89	165	48185	34.52	nq	# 62
51) Acenaphthene	12.17	154	217546	40.58	nq	99
52) 3-Nitroaniline	12.16	138	74357	45.72	nq	87
54) Dibenzofuran	12.46	168	302939	40.15	nq	97
55) 4-Nitrophenol	12.68	139	23404	27.85	nq	# 72
56) 2,4-Dinitrotoluene	12.57	165	59001	31.29	nq	# 88
57) Fluorene	13.01	166	260900	39.74	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.73	232	45326	38.40	nq	# 88
59) Diethylphthalate	12.92	149	261666	42.48	nq	99
60) 4-Chlorophenyl-phenylether	13.04	204	114935	40.25	nq	89
61) 4-Nitroaniline	13.16	138	68413	45.05	nq	93
62) Azobenzene	13.30	77	208722	37.39	nq	94
65) n-Nitrosodiphenylamine	13.25	169	216189	41.77	nq	98
66) 4-Bromophenyl-phenylether	13.82	248	61717	41.23	nq	95
67) Hexachlorobenzene	13.91	284	61202	41.49	nq	# 87
68) Atrazine	14.18	200	55251	38.35	nq	96
69) Pentachlorophenol	14.30	266	16868m	34.27	nq	
70) Phenanthrene	14.55	178	342925	41.26	nq	98
71) Anthracene	14.64	178	359334	41.41	nq	97
72) Carbazole	14.94	167	365269	43.20	nq	98
73) Di-n-butylphthalate	15.53	149	400667	44.54	nq	98
74) Fluoranthene	16.34	202	370092	44.99	nq	99
76) Benzidine	16.59	184	251855	54.00	nq	# 94
77) Pyrene	16.65	202	382255	42.18	nq	98
79) Butylbenzylphthalate	17.57	149	172750	43.65	nq	90
80) Benzo(a)anthracene	18.24	228	288643	40.88	nq	99
81) 3,3'-Dichlorobenzidine	18.23	252	116343	46.35	nq	# 97
82) Chrysene	18.29	228	288896	40.94	nq	99
83) Bis(2-ethylhexyl)phthalate	18.33	149	251835	45.11	nq	99
84) Di-n-octyl phthalate	19.09	149	416078	45.23	nq	# 95
85) Indeno(1,2,3-cd)pyrene	21.09	276	216185	35.81	nq	99
87) Benzo(b)fluoranthene	19.52	252	249339	42.82	nq	99
88) Benzo(k)fluoranthene	19.55	252	230287	41.37	nq	95
89) Benzo(a)pyrene	19.87	252	221160	41.32	nq	98
90) Dibenzo(a,h)anthracene	21.08	278	185596	40.88	nq	98
91) Benzo(g,h,i)perylene	21.42	276	181429	39.20	nq	95

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

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