

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050416\
 Data File : BF086675.D
 Acq On : 4 May 2016 14:11
 Operator : UM/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

sohil
 5/5/2016 3:18:44 PM

Quant Time: May 04 14:59:55 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 13:25:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	168582	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	700759	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	331193	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	605587	20.00	ng	0.00
75) Chrysene-d12	13.89	240	413531	20.00	ng	0.01
86) Perylene-d12	15.28	264	354723	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1610636	164.80	ng	0.00
7) Phenol-d6	6.40	99	1975108	144.79	ng	0.02
23) Nitrobenzene-d5	7.32	82	1995046	153.46	ng	0.01
41) 2,4,6-Tribromophenol	10.58	330	540931	154.88	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	2946385	150.56	ng	0.01
78) Terphenyl-d14	12.85	244	3014350	160.59	ng	0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.26	88	399980	77.91	ng	# 75
3) Pyridine	2.93	79	1021189	84.04	ng	# 70
4) n-Nitrosodimethylamine	2.91	42	670099	96.76	ng	# 55
6) Aniline	6.42	93	1296854	78.57	ng	94
8) 2-Chlorophenol	6.53	128	896717	73.66	ng	97
10) Phenol	6.41	94	1120871	73.65	ng	# 52
11) bis(2-Chloroethyl)ether	6.49	93	868546	66.02	ng	86
12) 1,3-Dichlorobenzene	6.68	146	936717m	71.54	ng	
13) 1,4-Dichlorobenzene	6.76	146	1003845	74.30	ng	97
14) 1,2-Dichlorobenzene	6.91	146	757993m	61.18	ng	
15) Benzyl Alcohol	6.90	79	665629	77.13	ng	89
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1896836	72.03	ng	98
17) 2-Methylphenol	7.01	107	726996	73.89	ng	# 89
18) Hexachloroethane	7.25	117	369223	73.14	ng	95
19) n-Nitroso-di-n-propylamine	7.18	70	727813	80.72	ng	# 77
20) 3+4-Methylphenols	7.17	107	756154	67.31	ng	# 87
22) Acetophenone	7.16	105	1209493	78.71	ng	# 93
24) Nitrobenzene	7.33	77	1046491	78.25	ng	95
25) Isophorone	7.58	82	1957844	78.25	ng	98
26) 2-Nitrophenol	7.65	139	536496	87.13	ng	# 93
27) 2,4-Dimethylphenol	7.70	122	825829	76.44	ng	89
28) bis(2-Chloroethoxy)methane	7.79	93	1008300	73.97	ng	98
29) 2,4-Dichlorophenol	7.89	162	681181	74.73	ng	95
30) 1,2,4-Trichlorobenzene	7.97	180	758891	71.76	ng	96
31) Naphthalene	8.05	128	2393218	67.12	ng	97
33) 4-Chloroaniline	8.11	127	1098856	82.29	ng	96
34) Hexachlorobutadiene	8.17	225	403106	68.00	ng	99
35) Caprolactam	8.51	113	239035	78.60	ng	# 58
36) 4-Chloro-3-methylphenol	8.60	107	767992	73.58	ng	91
37) 2-Methylnaphthalene	8.74	142	1438364	68.36	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	672914	70.98	ng	97
40) Hexachlorocyclopentadiene	8.90	237	357439	75.87	ng	94
42) 2,4,6-Trichlorophenol	9.02	196	484920	80.92	ng	93
43) 2,4,5-Trichlorophenol	9.07	196	476417	72.94	ng	# 91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	9.21	154	1681302	60.73	nq	95
46) 2-Chloronaphthalene	9.23	162	1384667	65.78	nq	93
47) 2-Nitroaniline	9.33	65	604581	89.57	nq	# 81
48) Acenaphthylene	9.64	152	2076671	63.12	nq	99
49) Dimethylphthalate	9.53	163	1932449	77.51	nq	99
50) 2,6-Dinitrotoluene	9.58	165	443195	86.04	nq	85
51) Acenaphthene	9.81	154	1444792	68.37	nq	99
52) 3-Nitroaniline	9.74	138	475453	81.16	nq	81
53) 2,4-Dinitrophenol	9.86	184	171423	74.40	nq	# 80
54) Dibenzofuran	9.98	168	1655217	62.67	nq	93
55) 4-Nitrophenol	9.92	139	292233	76.19	nq	# 60
56) 2,4-Dinitrotoluene	9.98	165	478272	72.84	nq	# 81
57) Fluorene	10.33	166	1310072	57.13	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	380583	74.53	nq	98
59) Diethylphthalate	10.21	149	1593863	67.53	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	737399	70.82	nq	# 83
61) 4-Nitroaniline	10.37	138	473207	82.64	nq	# 80
62) Azobenzene	10.49	77	2011623	77.81	nq	89
64) 4,6-Dinitro-2-methylphenol	10.40	198	300508	84.53	nq	91
65) n-Nitrosodiphenylamine	10.45	169	1429258	75.52	nq	99
66) 4-Bromophenyl-phenylether	10.81	248	422031	67.63	nq	90
67) Hexachlorobenzene	10.88	284	512272	70.92	nq	# 81
68) Atrazine	10.98	200	376355	66.22	nq	95
69) Pentachlorophenol	11.07	266	282349	74.14	nq	98
70) Phenanthrene	11.29	178	2218896	69.82	nq	98
71) Anthracene	11.34	178	2411561	71.10	nq	100
72) Carbazole	11.49	167	2012272	66.94	nq	98
73) Di-n-butylphthalate	11.84	149	2598983	76.32	nq	100
74) Fluoranthene	12.46	202	2234387	69.65	nq	99
76) Benzdine	12.59	184	796077	56.02	nq	98
77) Pyrene	12.69	202	2155577	72.34	nq	98
79) Butylbenzylphthalate	13.32	149	1033209	80.06	nq	# 77
80) Benzo(a)anthracene	13.88	228	1700279	77.12	nq	99
81) 3,3'-Dichlorobenzidine	13.86	252	1015567	68.91	nq	# 93
82) Chrysene	13.92	228	1526090	63.68	nq	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	1110082	69.30	nq	98
84) Di-n-octyl phthalate	14.49	149	1808816	72.10	nq	# 86
85) Indeno(1,2,3-cd)pyrene	16.61	276	1758162	99.01	nq	96
87) Benzo(b)fluoranthene	14.89	252	1909548m	91.51	nq	
89) Benzo(a)pyrene	15.23	252	1479109	75.07	nq	# 96
90) Dibenzo(a,h)anthracene	16.63	278	1410467	87.48	nq	97
91) Benzo(g,h,i)perylene	17.01	276	1508574	93.37	nq	# 92

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

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