

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021915\
 Data File : BF077375.D
 Acq On : 19 Feb 2015 15:14
 Operator : TP/IZ
 Sample : SSTDICC010
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC010

Manual Integrations
 APPROVED

apatel
 2/20/2015 2:04:25 PM

Quant Time: Feb 19 15:53:51 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 19 15:21:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	67866	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	276160	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	153154	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	279829	20.00	ng	0.00
75) Chrysene-d12	16.23	240	316395	20.00	ng	0.00
86) Perylene-d12	18.00	264	310996	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	87472	10.94	ng	0.00
7) Phenol-d6	6.88	99	115190	11.14	ng	0.00
23) Nitrobenzene-d5	8.02	82	94874	10.75	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	30362	10.18	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	221307	11.84	ng	0.00
78) Terphenyl-d14	14.93	244	292328	10.98	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.30	88	19771	11.81	ng	87
3) Pyridine	3.07	79	50250	10.22	ng	96
4) n-Nitrosodimethylamine	2.98	42	23860	11.38	ng	# 95
6) Aniline	6.91	93	77439	10.78	ng	95
8) 2-Chlorophenol	7.06	128	51590	10.93	ng	94
9) Benzaldehyde	6.78	77	38355	12.94	ng	98
10) Phenol	6.89	94	65335	10.65	ng	95
11) bis(2-Chloroethyl)ether	7.01	93	45930	10.39	ng	91
12) 1,3-Dichlorobenzene	7.25	146	55332	10.71	ng	99
13) 1,4-Dichlorobenzene	7.36	146	57274	10.97	ng	98
14) 1,2-Dichlorobenzene	7.54	146	54591	10.94	ng	97
15) Benzyl Alcohol	7.50	79	42187	10.67	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.69	45	65663	10.31	ng	96
17) 2-Methylphenol	7.64	107	39448	10.40	ng	# 95
18) Hexachloroethane	7.96	117	19021	10.65	ng	97
19) n-Nitroso-di-n-propylamine	7.85	70	34010	10.15	ng	# 90
20) 3+4-Methylphenols	7.84	107	50388	10.19	ng	# 65
22) Acetophenone	7.84	105	71922	11.44	ng	# 93
24) Nitrobenzene	8.04	77	49583	10.61	ng	# 82
25) Isophorone	8.34	82	90268	10.13	ng	# 92
26) 2-Nitrophenol	8.44	139	18306	8.98	ng	97
27) 2,4-Dimethylphenol	8.50	122	45596	10.71	ng	98
28) bis(2-Chloroethoxy)methane	8.62	93	60947	11.15	ng	99
29) 2,4-Dichlorophenol	8.73	162	42091	10.34	ng	86
30) 1,2,4-Trichlorobenzene	8.84	180	48328	11.18	ng	99
31) Naphthalene	8.93	128	150301	11.15	ng	99
32) Benzoic acid	8.56	122	17899m	8.36	ng	
33) 4-Chloroaniline	9.00	127	63972	10.42	ng	# 88
34) Hexachlorobutadiene	9.09	225	27303	11.06	ng	98
35) Caprolactam	9.40	113	12667	10.15	ng	# 90
36) 4-Chloro-3-methylphenol	9.61	107	40737	9.95	ng	# 84
37) 2-Methylnaphthalene	9.80	142	100598	10.24	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	46376	10.72	ng	97
40) Hexachlorocyclopentadiene	9.98	237	22292	9.04	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.14	196	31197	10.74	nq	97
43) 2,4,5-Trichlorophenol	10.18	196	32004	10.22	nq	# 86
45) 1,1'-Biphenyl	10.37	154	126173	11.16	nq	95
46) 2-Chloronaphthalene	10.40	162	98733	11.21	nq	97
47) 2-Nitroaniline	10.52	65	22785	9.88	nq	93
48) Acenaphthylene	10.91	152	159231	11.34	nq	98
49) Dimethylphthalate	10.76	163	121243	11.66	nq	97
50) 2,6-Dinitrotoluene	10.83	165	22113	9.76	nq	# 57
51) Acenaphthene	11.13	154	94954	11.42	nq	100
52) 3-Nitroaniline	11.04	138	25832	10.08	nq	86
53) 2,4-Dinitrophenol	11.16	184	4912	7.12	nq	# 62
54) Dibenzofuran	11.35	168	145588	11.30	nq	97
55) 4-Nitrophenol	11.23	139	20316	10.07	nq	# 66
56) 2,4-Dinitrotoluene	11.33	165	26379	8.87	nq	95
57) Fluorene	11.77	166	119341	11.66	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.49	232	25036	9.75	nq	# 97
59) Diethylphthalate	11.64	149	112787	10.76	nq	98
60) 4-Chlorophenyl-phenylether	11.78	204	56251	11.37	nq	100
61) 4-Nitroaniline	11.78	138	24842	10.15	nq	88
62) Azobenzene	11.97	77	109481	11.06	nq	97
64) 4,6-Dinitro-2-methylphenol	11.83	198	7460	6.76	nq	# 39
65) n-Nitrosodiphenylamine	11.92	169	96158	10.38	nq	98
66) 4-Bromophenyl-phenylether	12.39	248	34471	10.70	nq	96
67) Hexachlorobenzene	12.44	284	37203	10.83	nq	97
68) Atrazine	12.59	200	33697	11.31	nq	97
69) Pentachlorophenol	12.69	266	17741	9.05	nq	94
70) Phenanthrene	12.96	178	175232	11.09	nq	98
71) Anthracene	13.03	178	176798	11.25	nq	97
72) Carbazole	13.23	167	169046	11.26	nq	99
73) Di-n-butylphthalate	13.68	149	181728	9.91	nq	99
74) Fluoranthene	14.44	202	197820	11.42	nq	97
76) Benzidine	14.61	184	119182	11.94	nq	99
77) Pyrene	14.72	202	206614	10.80	nq	98
79) Butylbenzylphthalate	15.55	149	77022	9.11	nq	98
80) Benzo(a)anthracene	16.21	228	199764	10.97	nq	99
81) 3,3'-Dichlorobenzidine	16.19	252	73058	10.67	nq	# 97
82) Chrysene	16.26	228	193259	11.44	nq	97
83) Bis(2-ethylhexyl)phthalate	16.27	149	132715	10.14	nq	# 95
84) Di-n-octyl phthalate	17.08	149	223159	10.13	nq	99
85) Indeno(1,2,3-cd)pyrene	19.49	276	209201m	10.63	nq	
87) Benzo(b)fluoranthene	17.54	252	191618	10.66	nq	# 98
88) Benzo(k)fluoranthene	17.57	252	198269m	11.54	nq	
89) Benzo(a)pyrene	17.93	252	186234	10.90	nq	99
90) Dibenzo(a,h)anthracene	19.53	278	176893	10.92	nq	98
91) Benzo(g,h,i)perylene	19.94	276	177458	10.80	nq	93

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

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