

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080283.D
 Acq On : 1 Jul 2015 21:38
 Operator : TP/UM
 Sample : PB84307BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84307BS

Manual Integrations
 APPROVED

apatel
 7/2/2015 2:39:44 PM

Quant Time: Jul 02 04:32:59 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	54630	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	209199	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	112421	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	233110	20.00	ng	0.00
75) Chrysene-d12	14.78	240	220956	20.00	ng	0.03
86) Perylene-d12	16.63	264	207158	20.00	ng	0.06

System Monitoring Compounds

5) 2-Fluorophenol	5.88	112	312446	99.04	ng	0.00
7) Phenol-d6	6.87	99	390414	92.19	ng	0.00
23) Nitrobenzene-d5	7.82	82	235187	61.90	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	106837	99.81	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	492166	63.01	ng	0.00
78) Terphenyl-d14	13.51	244	540218	57.27	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.11	88	32122m	84.85	ng	
3) Pyridine	3.94	79	99246	25.42	ng	98
4) n-Nitrosodimethylamine	3.85	42	49743	28.60	ng	87
6) Aniline	6.93	93	102538	18.11	ng	90
8) 2-Chlorophenol	7.05	128	109911	31.72	ng	99
9) Benzaldehyde	6.81	77	60774	26.26	ng	98
10) Phenol	6.89	94	133525	28.51	ng	83
11) bis(2-Chloroethyl)ether	6.98	93	110741	31.26	ng	98
12) 1,3-Dichlorobenzene	7.21	146	124329	29.39	ng	100
13) 1,4-Dichlorobenzene	7.28	146	123444	29.31	ng	100
14) 1,2-Dichlorobenzene	7.44	146	125228	29.93	ng	99
15) Benzyl Alcohol	7.40	79	98680	30.27	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.53	45	166187	30.57	ng	99
17) 2-Methylphenol	7.50	107	93336	31.16	ng	99
18) Hexachloroethane	7.78	117	39281	29.87	ng	98
19) n-Nitroso-di-n-propylamine	7.66	70	80379	28.55	ng	99
20) 3+4-Methylphenols	7.65	107	120255	30.22	ng	99
22) Acetophenone	7.67	105	155498	31.81	ng	99
24) Nitrobenzene	7.84	77	124260	31.54	ng	100
25) Isophorone	8.08	82	226502	30.67	ng	100
26) 2-Nitrophenol	8.16	139	55170	32.07	ng	99
27) 2,4-Dimethylphenol	8.18	122	102573	32.48	ng	100
28) bis(2-Chloroethoxy)methane	8.29	93	138799	31.32	ng	100
29) 2,4-Dichlorophenol	8.40	162	98837	33.88	ng	99
30) 1,2,4-Trichlorobenzene	8.49	180	96510	28.36	ng	99
31) Naphthalene	8.58	128	306631m	28.77	ng	
32) Benzoic acid	8.25	122	28461	39.38	ng	93
33) 4-Chloroaniline	8.62	127	46168m	10.21	ng	
34) Hexachlorobutadiene	8.70	225	61828	28.84	ng	99
35) Caprolactam	8.95	113	27499	31.07	ng	98
36) 4-Chloro-3-methylphenol	9.09	107	106122	33.60	ng	96
37) 2-Methylnaphthalene	9.27	142	224434	30.76	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.44	216	107965	28.86	ng	98
40) Hexachlorocyclopentadiene	9.43	237	89519	62.56	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.54	196	70976	29.97	ng	96
43) 2,4,5-Trichlorophenol	9.59	196	74044	29.02	ng	97
45) 1,1'-Biphenyl	9.74	154	278059	29.09	ng	99
46) 2-Chloronaphthalene	9.76	162	205946	27.83	ng	99
47) 2-Nitroaniline	9.85	65	62895	29.55	ng	96
48) Acenaphthylene	10.18	152	361954	28.17	ng	99
49) Dimethylphthalate	10.02	163	267501	31.15	ng	100
50) 2,6-Dinitrotoluene	10.09	165	53180	30.29	ng	91
51) Acenaphthene	10.36	154	221984	30.00	ng	100
52) 3-Nitroaniline	10.26	138	29671	14.73	ng	98
53) 2,4-Dinitrophenol	10.37	184	42764	67.27	ng	# 1
54) Dibenzofuran	10.53	168	305436	29.25	ng	100
55) 4-Nitrophenol	10.41	139	88217	59.26	ng	# 59
56) 2,4-Dinitrotoluene	10.49	165	69630	30.59	ng	90
57) Fluorene	10.88	166	245784	28.38	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.64	232	60729	30.54	ng	99
59) Diethylphthalate	10.73	149	237654	29.12	ng	# 91
60) 4-Chlorophenyl-phenylether	10.86	204	115854	29.58	ng	98
61) 4-Nitroaniline	10.87	138	52584	25.69	ng	97
62) Azobenzene	11.02	77	236857	28.21	ng	98
64) 4,6-Dinitro-2-methylphenol	10.92	198	28514	34.93	ng	# 42
65) n-Nitrosodiphenylamine	10.97	169	212643	27.76	ng	99
66) 4-Bromophenyl-phenylether	11.36	248	72493	28.77	ng	97
67) Hexachlorobenzene	11.44	284	74619	27.63	ng	96
68) Atrazine	11.50	200	65581	28.32	ng	97
69) Pentachlorophenol	11.62	266	78495	55.76	ng	99
70) Phenanthrene	11.85	178	392605	28.11	ng	100
71) Anthracene	11.91	178	377977	28.21	ng	99
72) Carbazole	12.06	167	344597	27.50	ng	99
73) Di-n-butylphthalate	12.39	149	378575	28.16	ng	# 98
74) Fluoranthene	13.11	202	402496	27.89	ng	99
76) Benzidine	13.23	184	200234	30.95	ng	100
77) Pyrene	13.36	202	406125	28.72	ng	100
79) Butylbenzylphthalate	14.06	149	163776	30.20	ng	93
80) Benzo(a)anthracene	14.77	228	374551	28.05	ng	99
81) 3,3'-Dichlorobenzidine	14.71	252	74650	17.13	ng	99
82) Chrysene	14.81	228	347910	28.26	ng	99
83) Bis(2-ethylhexyl)phthalate	14.75	149	225199	29.50	ng	98
84) Di-n-octyl phthalate	15.55	149	379353	29.50	ng	98
85) Indeno(1,2,3-cd)pyrene	18.43	276	357765	25.85	ng	99
87) Benzo(b)fluoranthene	16.11	252	341280	26.08	ng	# 98
88) Benzo(k)fluoranthene	16.14	252	354399	28.76	ng	# 98
89) Benzo(a)pyrene	16.55	252	337441	28.30	ng	99
90) Dibenzo(a,h)anthracene	18.45	278	293169	26.20	ng	97
91) Benzo(g,h,i)perylene	18.96	276	309095	26.48	ng	99

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

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