

Data Path : Z:\HPCHEM1\BNA_F\Data\BF052115\
 Data File : BF079405.D
 Acq On : 21 May 2015 16:15
 Operator : TP/IZ
 Sample : PB83521BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83521BS

Manual Integrations
 APPROVED

apatel
 5/22/2015 4:30:28 PM

Quant Time: May 22 01:19:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 01:11:00 2015
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.073	152	61794	20.00	ng	0.00
21) Naphthalene-d8	8.650	136	252591	20.00	ng	# 0.00
38) Acenaphthene-d10	10.822	164	120398	20.00	ng	0.00
63) Phenanthrene-d10	12.651	188	237263	20.00	ng	0.00
75) Chrysene-d12	15.954	240	241656	20.00	ng	#-0.01
86) Perylene-d12	17.749	264	249026	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.347	112	481253m	134.06	ng	0.00
7) Phenol-d6	6.650	99	633741	133.56	ng	0.00
23) Nitrobenzene-d5	7.770	82	362831	82.56	ng	0.00
41) 2,4,6-Tribromophenol	11.805	330	187141	143.68	ng	0.00
44) 2-Fluorobiphenyl	9.999	172	739208	85.54	ng	0.00
78) Terphenyl-d14	14.651	244	844491	83.67	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.941	88	56474m	36.18	ng	
3) Pyridine	2.604	79	178704m	39.12	ng	
4) n-Nitrosodimethylamine	2.536	42	79599m	40.67	ng	
6) Aniline	6.662	93	141542	21.13	ng	# 7
8) 2-Chlorophenol	6.799	128	176277	43.29	ng	95
9) Benzaldehyde	6.513	77	31812m	9.95	ng	
10) Phenol	6.662	94	223118	40.53	ng	# 68
11) bis(2-Chloroethyl)ether	6.765	93	166540	41.27	ng	91
12) 1,3-Dichlorobenzene	6.993	146	191259	41.79	ng	96
13) 1,4-Dichlorobenzene	7.096	146	188704	40.07	ng	97
14) 1,2-Dichlorobenzene	7.279	146	178399	40.69	ng	96
15) Benzyl Alcohol	7.256	79	137766	39.11	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.439	45	248320	40.22	ng	98
17) 2-Methylphenol	7.416	107	139977	42.72	ng	98
18) Hexachloroethane	7.690	117	69146	42.62	ng	96
19) n-Nitroso-di-n-propyla...	7.599	70	126050	39.33	ng	94
20) 3+4-Methylphenols	7.610	107	185513	42.49	ng	# 44
22) Acetophenone	7.588	105	249983	43.81	ng	# 85
24) Nitrobenzene	7.793	77	183578	42.14	ng	# 82
25) Isophorone	8.090	82	338304	41.52	ng	94
26) 2-Nitrophenol	8.182	139	81856	45.40	ng	# 85
27) 2,4-Dimethylphenol	8.262	122	157773	43.73	ng	99
28) bis(2-Chloroethoxy)met...	8.376	93	219819	43.76	ng	99
29) 2,4-Dichlorophenol	8.490	162	147340	45.92	ng	88
30) 1,2,4-Trichlorobenzene	8.582	180	148392	42.10	ng	99
31) Naphthalene	8.673	128	521133	43.30	ng	99
32) Benzoic acid	8.388	122	107095m	47.47	ng	
33) 4-Chloroaniline	8.753	127	118760	23.32	ng	95
34) Hexachlorobutadiene	8.833	225	81871	40.34	ng	100
35) Caprolactam	9.188	113	45827	44.17	ng	91
36) 4-Chloro-3-methylphenol	9.371	107	155728	46.21	ng	91
37) 2-Methylnaphthalene	9.531	142	355932	42.68	ng	96
39) 1,2,4,5-Tetrachloroben...	9.736	216	140830	41.53	ng	98
40) Hexachlorocyclopentadiene	9.725	237	113033	66.29	ng	97
42) 2,4,6-Trichlorophenol	9.896	196	98789	42.38	ng	98
43) 2,4,5-Trichlorophenol	9.942	196	106373	45.13	ng	96
45) 1,1'-Biphenyl	10.113	154	417832	43.65	ng	97

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46) 2-Chloronaphthalene	10.136	162	329787	44.17	ng	92
47) 2-Nitroaniline	10.274	65	97307	44.98	ng	# 62
48) Acenaphthylene	10.639	152	527886	43.06	ng	99
49) Dimethylphthalate	10.514	163	394428	44.64	ng	97
50) 2,6-Dinitrotoluene	10.582	165	81311	46.63	ng	# 72
51) Acenaphthene	10.856	154	303121	41.47	ng	100
52) 3-Nitroaniline	10.776	138	67465	30.97	ng	93
53) 2,4-Dinitrophenol	10.925	184	50546	72.82	ng	# 66
54) Dibenzofuran	11.074	168	463904	43.93	ng	99
55) 4-Nitrophenol	11.016	139	134719	78.14	ng	# 69
56) 2,4-Dinitrotoluene	11.085	165	108032	46.86	ng	# 85
57) Fluorene	11.496	166	390845	45.10	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.234	232	83203	43.20	ng	99
59) Diethylphthalate	11.382	149	387371	44.25	ng	99
60) 4-Chlorophenyl-phenyle...	11.508	204	169086	43.98	ng	100
61) 4-Nitroaniline	11.531	138	93018	42.68	ng	96
62) Azobenzene	11.702	77	388746	45.07	ng	99
64) 4,6-Dinitro-2-methylph...	11.588	198	40476	42.81	ng	93
65) n-Nitrosodiphenylamine	11.656	169	322872	40.86	ng	99
66) 4-Bromophenyl-phenylether	12.114	248	109823	44.41	ng	# 87
67) Hexachlorobenzene	12.171	284	120080	42.48	ng	# 82
68) Atrazine	12.331	200	101554	44.20	ng	100
69) Pentachlorophenol	12.422	266	108584	66.89	ng	100
70) Phenanthrene	12.685	178	563528	42.46	ng	100
71) Anthracene	12.754	178	575533	44.20	ng	99
72) Carbazole	12.959	167	564322	45.47	ng	99
73) Di-n-butylphthalate	13.417	149	676037	45.42	ng	99
74) Fluoranthene	14.160	202	607726	43.94	ng	95
76) Benzidine	14.342	184	260105	39.94	ng	97
77) Pyrene	14.434	202	627097	45.03	ng	99
79) Butylbenzylphthalate	15.268	149	298403	49.02	ng	93
80) Benzo(a)anthracene	15.943	228	598867	45.25	ng	99
81) 3,3'-Dichlorobenzidine	15.920	252	164103	34.81	ng	# 98
82) Chrysene	15.988	228	537510	42.23	ng	98
83) Bis(2-ethylhexyl)phtha...	16.011	149	452506	49.08	ng	100
84) Di-n-octyl phthalate	16.834	149	781714	48.14	ng	97
85) Indeno(1,2,3-cd)pyrene	19.120	276	715773	44.14	ng	99
87) Benzo(b)fluoranthene	17.280	252	655049	48.06	ng	99
88) Benzo(k)fluoranthene	17.314	252	519999	39.41	ng	# 96
89) Benzo(a)pyrene	17.680	252	582394	46.40	ng	98
90) Dibenzo(a,h)anthracene	19.143	278	594576	44.58	ng	98
91) Benzo(g,h,i)perylene	19.520	276	592055	44.29	ng	98

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

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