

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079274.D
 Acq On : 15 May 2015 17:17
 Operator : TP/IZ
 Sample : PB83262BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB83262BS

Manual Integrations
 APPROVED

apatel
 5/18/2015 3:39:29 PM

Quant Time: May 15 23:45:59 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 22:54:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	65633	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	273854	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	129898	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	245574	20.00	ng	0.00
75) Chrysene-d12	16.07	240	236920	20.00	ng	-0.02
86) Perylene-d12	17.85	264	231248	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	417752m	109.56	ng	0.01
7) Phenol-d6	6.74	99	551206	109.37	ng	-0.01
23) Nitrobenzene-d5	7.87	82	310667	65.20	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	161842	115.17	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	626737	67.22	ng	0.00
78) Terphenyl-d14	14.77	244	696706	70.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	47550m	28.68	ng	
3) Pyridine	2.81	79	141006m	29.06	ng	
4) n-Nitrosodimethylamine	2.73	42	73984m	35.59	ng	
6) Aniline	6.76	93	127683	17.95	ng	# 4
8) 2-Chlorophenol	6.91	128	149876	34.66	ng	# 82
9) Benzaldehyde	6.63	77	28422	8.37	ng	96
10) Phenol	6.76	94	206557	35.33	ng	73
11) bis(2-Chloroethyl)ether	6.87	93	142360	33.21	ng	90
12) 1,3-Dichlorobenzene	7.10	146	160195	32.96	ng	# 92
13) 1,4-Dichlorobenzene	7.20	146	166216	33.23	ng	100
14) 1,2-Dichlorobenzene	7.38	146	160421	34.45	ng	99
15) Benzyl Alcohol	7.36	79	120776	32.28	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.54	45	212570	32.42	ng	97
17) 2-Methylphenol	7.51	107	119755	34.41	ng	93
18) Hexachloroethane	7.79	117	57968	33.64	ng	# 85
19) n-Nitroso-di-n-propylamine	7.69	70	108787	31.96	ng	# 92
20) 3+4-Methylphenols	7.70	107	162854	35.12	ng	# 47
22) Acetophenone	7.69	105	219468	35.47	ng	# 85
24) Nitrobenzene	7.90	77	160445	33.97	ng	# 83
25) Isophorone	8.19	82	289920	32.82	ng	95
26) 2-Nitrophenol	8.28	139	71061	36.35	ng	# 85
27) 2,4-Dimethylphenol	8.35	122	141436	36.16	ng	96
28) bis(2-Chloroethoxy)methane	8.48	93	185637	34.09	ng	99
29) 2,4-Dichlorophenol	8.58	162	128928	37.06	ng	99
30) 1,2,4-Trichlorobenzene	8.68	180	128446	33.61	ng	99
31) Naphthalene	8.78	128	436424	33.45	ng	100
32) Benzoic acid	8.47	122	87869m	37.46	ng	
33) 4-Chloroaniline	8.86	127	97854	17.72	ng	# 93
34) Hexachlorobutadiene	8.94	225	73041	33.19	ng	97
35) Caprolactam	9.28	113	37387	33.24	ng	92
36) 4-Chloro-3-methylphenol	9.47	107	132239	36.19	ng	94
37) 2-Methylnaphthalene	9.63	142	304632	33.69	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.85	216	120137	32.84	ng	98
40) Hexachlorocyclopentadiene	9.83	237	111203	60.45	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.00	196	85243	33.89	nq	96
43) 2,4,5-Trichlorophenol	10.04	196	90752	35.69	nq	99
45) 1,1'-Biphenyl	10.23	154	356630	34.54	nq	99
46) 2-Chloronaphthalene	10.24	162	273551	33.96	nq	98
47) 2-Nitroaniline	10.38	65	85038	36.44	nq	# 67
48) Acenaphthylene	10.75	152	468447	35.42	nq	98
49) Dimethylphthalate	10.62	163	330021	34.62	nq	98
50) 2,6-Dinitrotoluene	10.68	165	69310	36.84	nq	# 76
51) Acenaphthene	10.97	154	266852	33.83	nq	99
52) 3-Nitroaniline	10.88	138	57196	24.34	nq	96
53) 2,4-Dinitrophenol	11.03	184	54183	72.54	nq	# 51
54) Dibenzofuran	11.19	168	402049	35.29	nq	94
55) 4-Nitrophenol	11.11	139	121482	65.31	nq	# 78
56) 2,4-Dinitrotoluene	11.18	165	87837	35.31	nq	# 52
57) Fluorene	11.61	166	331727	35.48	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	73527	35.39	nq	98
59) Diethylphthalate	11.48	149	318860	33.76	nq	98
60) 4-Chlorophenyl-phenylether	11.62	204	142315	34.31	nq	# 85
61) 4-Nitroaniline	11.65	138	75744	32.21	nq	86
62) Azobenzene	11.82	77	330034	35.46	nq	90
64) 4,6-Dinitro-2-methylphenol	11.68	198	38325	40.13	nq	# 39
65) n-Nitrosodiphenylamine	11.76	169	276928	33.86	nq	100
66) 4-Bromophenyl-phenylether	12.22	248	87847	34.32	nq	93
67) Hexachlorobenzene	12.29	284	101116	34.56	nq	# 66
68) Atrazine	12.43	200	74920	31.50	nq	98
69) Pentachlorophenol	12.54	266	102529	61.62	nq	99
70) Phenanthrene	12.80	178	469436	34.17	nq	99
71) Anthracene	12.86	178	463439	34.39	nq	99
72) Carbazole	13.06	167	434653	33.84	nq	99
73) Di-n-butylphthalate	13.52	149	528907	34.33	nq	99
74) Fluoranthene	14.27	202	500449	34.96	nq	93
76) Benzidine	14.46	184	160541	25.14	nq	97
77) Pyrene	14.55	202	506661	37.11	nq	99
79) Butylbenzylphthalate	15.38	149	226572	37.97	nq	99
80) Benzo(a)anthracene	16.06	228	468492	36.11	nq	98
81) 3,3'-Dichlorobenzidine	16.03	252	144701	31.31	nq	98
82) Chrysene	16.10	228	420778	33.72	nq	99
83) Bis(2-ethylhexyl)phthalate	16.11	149	334588	37.02	nq	99
84) Di-n-octyl phthalate	16.94	149	552734	34.72	nq	97
85) Indeno(1,2,3-cd)pyrene	19.27	276	515629	32.43	nq	99
87) Benzo(b)fluoranthene	17.39	252	437034	34.53	nq	# 96
88) Benzo(k)fluoranthene	17.43	252	450110m	36.73	nq	
89) Benzo(a)pyrene	17.79	252	435654	37.38	nq	97
90) Dibenzo(a,h)anthracene	19.29	278	425590	34.36	nq	98
91) Benzo(g,h,i)perylene	19.68	276	437939	35.28	nq	97

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

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