

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030915\
 Data File : BF077642.D
 Acq On : 9 Mar 2015 17:09
 Operator : TP/IZ
 Sample : PB82019BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82019BS

Quant Time: Mar 10 01:22:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 00:35:08 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.19	152	55533	20.00	ng	0.00
21) Naphthalene-d8	8.77	136	230687	20.00	ng	0.00
38) Acenaphthene-d10	10.94	164	115077	20.00	ng	0.00
63) Phenanthrene-d10	12.78	188	226247	20.00	ng	0.00
75) Chrysene-d12	16.06	240	252080	20.00	ng	0.00
86) Perylene-d12	17.80	264	249755	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	273646	82.26	ng	0.00
7) Phenol-d6	6.76	99	339451	79.37	ng	0.00
23) Nitrobenzene-d5	7.88	82	249374	67.22	ng	0.00
41) 2,4,6-Tribromophenol	11.92	330	89076	80.39	ng	0.00
44) 2-Fluorobiphenyl	10.12	172	540083	73.18	ng	0.00
78) Terphenyl-d14	14.77	244	700777	64.99	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.11	88	48915	34.65	ng	99
3) Pyridine	2.84	79	152152	37.68	ng	96
4) n-Nitrosodimethylamine	2.74	42	70240	40.01	ng	92
6) Aniline	6.78	93	113557	19.21	ng	98
8) 2-Chlorophenol	6.92	128	162066	41.30	ng	94
9) Benzaldehyde	6.64	77	20254	7.80	ng	90
10) Phenol	6.77	94	206640	40.72	ng	83
11) bis(2-Chloroethyl)ether	6.88	93	139432	38.24	ng	98
12) 1,3-Dichlorobenzene	7.12	146	170415	39.88	ng	# 93
13) 1,4-Dichlorobenzene	7.21	146	166742	38.36	ng	96
14) 1,2-Dichlorobenzene	7.40	146	160432	38.80	ng	95
15) Benzyl Alcohol	7.38	79	132122	40.64	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.55	45	194999	37.41	ng	98
17) 2-Methylphenol	7.52	107	127229	41.48	ng	98
18) Hexachloroethane	7.81	117	57543	39.63	ng	# 85
19) n-Nitroso-di-n-propylamine	7.71	70	110292	40.61	ng	97
20) 3+4-Methylphenols	7.72	107	172846	42.79	ng	# 74
22) Acetophenone	7.70	105	215638	39.74	ng	# 89
24) Nitrobenzene	7.91	77	152454	39.06	ng	# 83
25) Isophorone	8.21	82	284995	38.72	ng	98
26) 2-Nitrophenol	8.30	139	76991	48.13	ng	91
27) 2,4-Dimethylphenol	8.37	122	142987	39.95	ng	96
28) bis(2-Chloroethoxy)methane	8.49	93	176370	37.93	ng	99
29) 2,4-Dichlorophenol	8.60	162	136047	40.49	ng	98
30) 1,2,4-Trichlorobenzene	8.70	180	143054	38.73	ng	100
31) Naphthalene	8.80	128	463762	40.20	ng	99
32) Benzoic acid	8.47	122	77254	44.42	ng	95
33) 4-Chloroaniline	8.87	127	96381	18.79	ng	99
34) Hexachlorobutadiene	8.95	225	75335	35.73	ng	98
35) Caprolactam	9.30	113	43875	42.78	ng	# 79
36) 4-Chloro-3-methylphenol	9.48	107	142102	42.07	ng	92
37) 2-Methylnaphthalene	9.65	142	319776	39.03	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.86	216	139732	42.32	ng	98
40) Hexachlorocyclopentadiene	9.85	237	138339	78.13	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.01	196	100079	45.77	nq	98
43) 2,4,5-Trichlorophenol	10.05	196	106209	45.42	nq	96
45) 1,1'-Biphenyl	10.24	154	382035	43.82	nq	98
46) 2-Chloronaphthalene	10.26	162	304947	44.60	nq	94
47) 2-Nitroaniline	10.39	65	86576	51.44	nq	91
48) Acenaphthylene	10.77	152	485095	44.82	nq	99
49) Dimethylphthalate	10.63	163	352217	43.54	nq	99
50) 2,6-Dinitrotoluene	10.70	165	75062	46.27	nq	# 53
51) Acenaphthene	10.98	154	279415	43.26	nq	99
52) 3-Nitroaniline	10.90	138	57659	30.83	nq	87
53) 2,4-Dinitrophenol	11.03	184	54666	110.75	nq	97
54) Dibenzofuran	11.20	168	433838	43.50	nq	98
55) 4-Nitrophenol	11.12	139	150823	100.26	nq	81
56) 2,4-Dinitrotoluene	11.19	165	107432	49.01	nq	# 92
57) Fluorene	11.62	166	358764	44.99	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.35	232	84420	44.91	nq	95
59) Diethylphthalate	11.50	149	344814	43.24	nq	97
60) 4-Chlorophenyl-phenylether	11.63	204	163942	42.67	nq	95
61) 4-Nitroaniline	11.65	138	86254	48.12	nq	95
62) Azobenzene	11.82	77	338226	44.70	nq	99
64) 4,6-Dinitro-2-methylphenol	11.69	198	38654	43.22	nq	# 51
65) n-Nitrosodiphenylamine	11.78	169	314456	41.89	nq	99
66) 4-Bromophenyl-phenylether	12.24	248	97411	36.77	nq	95
67) Hexachlorobenzene	12.29	284	108388	38.12	nq	# 88
68) Atrazine	12.45	200	100103	41.02	nq	96
69) Pentachlorophenol	12.54	266	121718	81.44	nq	99
70) Phenanthrene	12.81	178	540600	41.23	nq	100
71) Anthracene	12.87	178	538684	41.40	nq	98
72) Carbazole	13.08	167	534055	43.16	nq	98
73) Di-n-butylphthalate	13.53	149	557319	38.36	nq	99
74) Fluoranthene	14.28	202	592736	41.38	nq	100
76) Benzidine	14.46	184	229102	26.90	nq	97
77) Pyrene	14.56	202	620974	40.27	nq	99
79) Butylbenzylphthalate	15.39	149	247179	38.96	nq	88
80) Benzo(a)anthracene	16.05	228	610084	41.29	nq	100
81) 3,3'-Dichlorobenzidine	16.03	252	133696	24.70	nq	98
82) Chrysene	16.10	228	560108	40.37	nq	97
83) Bis(2-ethylhexyl)phthalate	16.11	149	361198	35.51	nq	# 94
84) Di-n-octyl phthalate	16.91	149	610855	35.97	nq	98
85) Indeno(1,2,3-cd)pyrene	19.21	276	650914	41.15	nq	98
87) Benzo(h)fluoranthene	17.36	252	600985m	41.38	nq	
88) Benzo(k)fluoranthene	17.39	252	576842	40.53	nq	# 93
89) Benzo(a)pyrene	17.74	252	561013	40.56	nq	98
90) Dibenzo(a,h)anthracene	19.24	278	541432	41.04	nq	97
91) Benzo(g,h,i)perylene	19.63	276	548258	41.18	nq	99

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

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