

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032315\
 Data File : BF077899.D
 Acq On : 23 Mar 2015 17:28
 Operator : TP/IZ
 Sample : G1591-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-G1-G2-G3-G4MSD

Quant Time: Mar 24 03:35:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 24 02:23:28 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	39151	20.00	ng	0.00
21) Naphthalene-d8	8.69	136	168462	20.00	ng	0.00
38) Acenaphthene-d10	10.86	164	84049	20.00	ng	0.00
63) Phenanthrene-d10	12.69	188	169354	20.00	ng	-0.01
75) Chrysene-d12	16.00	240	190114	20.00	ng	-0.01
86) Perylene-d12	17.80	264	184870	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	276643	123.34	ng	0.00
7) Phenol-d6	6.69	99	345191	124.57	ng	0.00
23) Nitrobenzene-d5	7.81	82	202579	78.83	ng	0.00
41) 2,4,6-Tribromophenol	11.85	330	88378	109.90	ng	0.00
44) 2-Fluorobiphenyl	10.04	172	438714	76.71	ng	0.00
78) Terphenyl-d14	14.69	244	514336	66.08	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.00	88	28083	27.58	ng	# 100
3) Pyridine	2.67	79	90580	33.10	ng	99
4) n-Nitrosodimethylamine	2.60	42	39619	33.25	ng	96
6) Aniline	6.70	93	55262	13.94	ng	# 17
8) 2-Chlorophenol	6.85	128	100962	37.82	ng	91
9) Benzaldehyde	6.57	77	6092	5.37	ng	91
10) Phenol	6.72	94	122551	37.41	ng	# 70
11) bis(2-Chloroethyl)ether	6.81	93	90265	36.79	ng	89
12) 1,3-Dichlorobenzene	7.04	146	103630	34.90	ng	96
13) 1,4-Dichlorobenzene	7.14	146	106404	34.49	ng	98
14) 1,2-Dichlorobenzene	7.32	146	101958	36.04	ng	98
15) Benzyl Alcohol	7.31	79	78646	36.36	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.48	45	119909	36.26	ng	98
17) 2-Methylphenol	7.46	107	81767	37.62	ng	98
18) Hexachloroethane	7.73	117	36072	35.65	ng	92
19) n-Nitroso-di-n-propylamine	7.64	70	69996	36.51	ng	93
20) 3+4-Methylphenols	7.65	107	108024	37.88	ng	95
22) Acetophenone	7.63	105	138986	37.27	ng	# 93
24) Nitrobenzene	7.84	77	102741	37.11	ng	# 88
25) Isophorone	8.13	82	178057	34.31	ng	94
26) 2-Nitrophenol	8.22	139	47386	34.96	ng	# 83
27) 2,4-Dimethylphenol	8.30	122	92104	37.30	ng	99
28) bis(2-Chloroethoxy)methane	8.42	93	114400	36.31	ng	98
29) 2,4-Dichlorophenol	8.53	162	87434	37.15	ng	97
30) 1,2,4-Trichlorobenzene	8.62	180	88781	33.71	ng	96
31) Naphthalene	8.72	128	288288	33.32	ng	99
32) Benzoic acid	8.41	122	31104	24.22	ng	97
33) 4-Chloroaniline	8.80	127	48512	13.82	ng	# 91
34) Hexachlorobutadiene	8.88	225	48445	32.45	ng	97
35) Caprolactam	9.22	113	25665	37.31	ng	95
36) 4-Chloro-3-methylphenol	9.41	107	89345	37.72	ng	85
37) 2-Methylnaphthalene	9.57	142	198470	34.15	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.78	216	83439	33.28	ng	# 100
40) Hexachlorocyclopentadiene	9.77	237	75526	60.97	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.94	196	59597	34.32	nq	98
43) 2,4,5-Trichlorophenol	9.98	196	65968	35.16	nq	# 93
45) 1,1'-Biphenyl	10.16	154	234943	34.97	nq	96
46) 2-Chloronaphthalene	10.18	162	195890	35.88	nq	95
47) 2-Nitroaniline	10.32	65	53944	39.78	nq	97
48) Acenaphthylene	10.69	152	301931	33.25	nq	99
49) Dimethylphthalate	10.56	163	237107	38.04	nq	99
50) 2,6-Dinitrotoluene	10.62	165	50263	38.90	nq	92
51) Acenaphthene	10.90	154	169842	32.62	nq	98
52) 3-Nitroaniline	10.82	138	29541	19.68	nq	# 64
53) 2,4-Dinitrophenol	10.96	184	32746	70.09	nq	97
54) Dibenzofuran	11.12	168	267384	34.63	nq	95
55) 4-Nitrophenol	11.06	139	84845	76.32	nq	99
56) 2,4-Dinitrotoluene	11.12	165	64737	38.42	nq	# 99
57) Fluorene	11.54	166	216447	33.76	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.28	232	52568	36.39	nq	# 100
59) Diethylphthalate	11.43	149	208376	34.31	nq	95
60) 4-Chlorophenyl-phenylether	11.55	204	98234	33.57	nq	91
61) 4-Nitroaniline	11.57	138	50909	34.04	nq	# 75
62) Azobenzene	11.75	77	202504	34.88	nq	93
64) 4,6-Dinitro-2-methylphenol	11.62	198	26205	34.14	nq	84
65) n-Nitrosodiphenylamine	11.70	169	190605	33.80	nq	99
66) 4-Bromophenyl-phenylether	12.16	248	59588	32.97	nq	# 90
67) Hexachlorobenzene	12.21	284	65479	32.97	nq	95
68) Atrazine	12.37	200	59777	37.83	nq	94
69) Pentachlorophenol	12.47	266	63972	62.22	nq	97
70) Phenanthrene	12.73	178	338793	34.85	nq	100
71) Anthracene	12.80	178	332889	34.66	nq	99
72) Carbazole	13.00	167	327970	35.89	nq	99
73) Di-n-butylphthalate	13.46	149	347034	33.87	nq	99
74) Fluoranthene	14.20	202	374530	34.93	nq	98
76) Benzidine	14.39	184	117522	24.80	nq	100
77) Pyrene	14.48	202	386219	32.31	nq	99
79) Butylbenzylphthalate	15.31	149	153188	32.50	nq	# 78
80) Benzo(a)anthracene	15.99	228	387440	34.38	nq	98
81) 3,3'-Dichlorobenzidine	15.96	252	75306	20.26	nq	100
82) Chrysene	16.03	228	351368	34.68	nq	99
83) Bis(2-ethylhexyl)phthalate	16.05	149	228986	32.07	nq	# 96
84) Di-n-octyl phthalate	16.88	149	385638	31.59	nq	99
85) Indeno(1,2,3-cd)pyrene	19.20	276	412156	32.59	nq	# 100
87) Benzo(b)fluoranthene	17.33	252	358867	29.73	nq	97
88) Benzo(k)fluoranthene	17.37	252	377377m	40.03	nq	
89) Benzo(a)pyrene	17.73	252	364752	36.22	nq	# 96
90) Dibenzo(a,h)anthracene	19.22	278	342048	34.25	nq	97
91) Benzo(g,h,i)perylene	19.60	276	346236	34.05	nq	99

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

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