

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022315\
 Data File : BF077400.D
 Acq On : 23 Feb 2015 12:47
 Operator : TP/IZ
 Sample : G1332-04MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HF-1MSD

Quant Time: Feb 24 00:26:58 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	77510	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	316134	20.00	ng	0.00
38) Acenaphthene-d10	11.08	164	171596	20.00	ng	-0.01
63) Phenanthrene-d10	12.93	188	349904	20.00	ng	0.00
75) Chrysene-d12	16.23	240	367194	20.00	ng	-0.03
86) Perylene-d12	17.99	264	362012	20.00	ng	-0.11

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	463992	99.94	ng	0.00
7) Phenol-d6	6.88	99	585916	98.15	ng	-0.01
23) Nitrobenzene-d5	8.02	82	349520	68.75	ng	-0.01
41) 2,4,6-Tribromophenol	12.07	330	182027	110.17	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	804823	73.13	ng	0.00
78) Terphenyl-d14	14.92	244	1021973	65.07	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.30	88	49200	24.97	ng	99
3) Pyridine	3.06	79	124914	22.16	ng	98
4) n-Nitrosodimethylamine	2.97	42	69594	28.40	ng	99
6) Aniline	6.91	93	86216	10.45	ng	91
8) 2-Chlorophenol	7.06	128	175458	32.03	ng	92
10) Phenol	6.90	94	215774	30.46	ng	95
11) bis(2-Chloroethyl)ether	7.01	93	153687	30.20	ng	89
12) 1,3-Dichlorobenzene	7.25	146	179376	30.08	ng	95
13) 1,4-Dichlorobenzene	7.36	146	184929	30.48	ng	97
14) 1,2-Dichlorobenzene	7.54	146	176372	30.56	ng	96
15) Benzyl Alcohol	7.50	79	135898	29.95	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.69	45	230108	31.63	ng	97
17) 2-Methylphenol	7.64	107	135514	31.65	ng	95
18) Hexachloroethane	7.95	117	60936	30.07	ng	# 78
19) n-Nitroso-di-n-propylamine	7.84	70	117717	31.05	ng	93
20) 3+4-Methylphenols	7.84	107	178334	31.63	ng	# 70
22) Acetophenone	7.84	105	237224	31.90	ng	# 92
24) Nitrobenzene	8.04	77	177509	33.19	ng	87
25) Isophorone	8.34	82	323144	32.04	ng	95
26) 2-Nitrophenol	8.44	139	70714	32.26	ng	# 87
27) 2,4-Dimethylphenol	8.50	122	150668	30.72	ng	96
28) bis(2-Chloroethoxy)methane	8.62	93	200008	31.39	ng	99
29) 2,4-Dichlorophenol	8.73	162	153547	33.35	ng	92
30) 1,2,4-Trichlorobenzene	8.84	180	157487	31.11	ng	96
31) Naphthalene	8.93	128	531545	33.62	ng	99
33) 4-Chloroaniline	9.00	127	69502	9.89	ng	# 93
34) Hexachlorobutadiene	9.09	225	92799	32.11	ng	98
35) Caprolactam	9.41	113	46155	32.84	ng	95
36) 4-Chloro-3-methylphenol	9.61	107	160140	34.60	ng	95
37) 2-Methylnaphthalene	9.79	142	360541	32.11	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.00	216	160325	32.56	ng	98
40) Hexachlorocyclopentadiene	9.98	237	152682	57.83	ng	98
42) 2,4,6-Trichlorophenol	10.14	196	114818	35.21	ng	98
43) 2,4,5-Trichlorophenol	10.18	196	115694	33.18	ng	# 83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	10.37	154	443755	34.13	nq	97
46) 2-Chloronaphthalene	10.40	162	357017	35.02	nq	97
47) 2-Nitroaniline	10.52	65	99400	39.61	nq	# 86
48) Acenaphthylene	10.91	152	577008	35.75	nq	99
49) Dimethylphthalate	10.76	163	483226	40.06	nq	98
50) 2,6-Dinitrotoluene	10.83	165	89891	37.16	nq	# 66
51) Acenaphthene	11.13	154	335842	34.87	nq	99
52) 3-Nitroaniline	11.04	138	57688	20.69	nq	# 78
53) 2,4-Dinitrophenol	11.16	184	25451	34.58	nq	# 75
54) Dibenzofuran	11.34	168	523133	35.18	nq	94
55) 4-Nitrophenol	11.24	139	146430	65.28	nq	96
56) 2,4-Dinitrotoluene	11.32	165	116952	35.78	nq	# 70
57) Fluorene	11.77	166	431122	36.26	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.49	232	95356	34.02	nq	97
59) Diethylphthalate	11.64	149	432788	36.39	nq	96
60) 4-Chlorophenyl-phenylether	11.77	204	195828	34.18	nq	# 86
61) 4-Nitroaniline	11.79	138	86583	32.39	nq	84
62) Azobenzene	11.97	77	417372	36.99	nq	90
64) 4,6-Dinitro-2-methylphenol	11.82	198	35779	27.36	nq	# 66
65) n-Nitrosodiphenylamine	11.92	169	358987	30.92	nq	100
66) 4-Bromophenyl-phenylether	12.39	248	129387	31.58	nq	# 90
67) Hexachlorobenzene	12.44	284	133010	30.24	nq	# 88
68) Atrazine	12.59	200	121614	32.22	nq	96
69) Pentachlorophenol	12.68	266	126427	54.70	nq	99
70) Phenanthrene	12.96	178	635954	31.36	nq	99
71) Anthracene	13.03	178	653540	32.47	nq	99
72) Carbazole	13.22	167	596315	31.16	nq	98
73) Di-n-butylphthalate	13.68	149	760689	33.85	nq	98
74) Fluoranthene	14.43	202	748936	33.81	nq	96
76) Benzidine	14.61	184	214142	17.26	nq	97
77) Pyrene	14.72	202	758689	33.78	nq	100
79) Butylbenzylphthalate	15.54	149	328311	35.53	nq	# 85
80) Benzo(a)anthracene	16.21	228	703655	32.70	nq	99
81) 3,3'-Dichlorobenzidine	16.19	252	159049	20.17	nq	99
82) Chrysene	16.26	228	654457	32.39	nq	99
83) Bis(2-ethylhexyl)phthalate	16.27	149	531876	35.89	nq	98
84) Di-n-octyl phthalate	17.07	149	845942	34.19	nq	99
85) Indeno(1,2,3-cd)pyrene	19.48	276	763962m	33.16	nq	
87) Benzo(b)fluoranthene	17.53	252	802101	38.10	nq	# 98
88) Benzo(k)fluoranthene	17.56	252	553347	26.82	nq	98
89) Benzo(a)pyrene	17.92	252	652952	32.57	nq	99
90) Dibenzo(a,h)anthracene	19.52	278	609383	31.87	nq	98
91) Benzo(g,h,i)perylene	19.93	276	633700	32.84	nq	96

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

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