

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088715.D
 Acq On : 5 Jul 2016 21:10
 Operator : UM/SJ
 Sample : H3808-25MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMPMSD

Quant Time: Jul 06 11:42:22 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 17:15:08 2016
 Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	102990	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	410013	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	200513	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	394059	20.00	ng	0.00
75) Chrysene-d12	13.91	240	261434	20.00	ng	-0.01
86) Perylene-d12	15.29	264	202117	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.38	112	794711	115.65	ng	0.01
7) Phenol-d6	6.42	99	1070499	120.56	ng	0.01
23) Nitrobenzene-d5	7.34	82	683584	87.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	250592	134.58	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1225119	96.51	ng	0.00
78) Terphenyl-d14	12.87	244	936324	79.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.39	88	100545	29.51	ng	# 35
3) Pyridine	3.07	79	118570	11.99	ng	91
4) n-Nitrosodimethylamine	3.00	42	66480	17.60	ng	91
6) Aniline	6.43	93	141676	10.95	ng	# 54
8) 2-Chlorophenol	6.56	128	167215	22.64	ng	97
9) Benzaldehyde	6.32	77	111487	18.54	ng	95
10) Phenol	6.43	94	163958	16.18	ng	# 63
11) bis(2-Chloroethyl)ether	6.51	93	154541	20.45	ng	91
12) 1,3-Dichlorobenzene	6.72	146	162657m	20.01	ng	
13) 1,4-Dichlorobenzene	6.79	146	162605	20.16	ng	94
14) 1,2-Dichlorobenzene	6.95	146	167790m	22.22	ng	
15) Benzyl Alcohol	6.91	79	146673	22.44	ng	93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	196355	17.94	ng	90
17) 2-Methylphenol	7.04	107	139196	23.10	ng	97
18) Hexachloroethane	7.29	117	67409	21.60	ng	93
19) n-Nitroso-di-n-propylamine	7.19	70	120621	20.22	ng	93
20) 3+4-Methylphenols	7.19	107	166531	23.03	ng	# 80
22) Acetophenone	7.19	105	241679	24.29	ng	# 90
24) Nitrobenzene	7.36	77	202244	25.64	ng	88
25) Isophorone	7.60	82	341654	23.57	ng	98
26) 2-Nitrophenol	7.68	139	87280	26.98	ng	# 79
27) 2,4-Dimethylphenol	7.71	122	122746	18.22	ng	87
28) bis(2-Chloroethoxy)methane	7.82	93	228275	24.20	ng	# 95
29) 2,4-Dichlorophenol	7.92	162	138429	25.42	ng	96
30) 1,2,4-Trichlorobenzene	8.00	180	135093	22.61	ng	99
31) Naphthalene	8.08	128	472300	23.37	ng	100
33) 4-Chloroaniline	8.12	127	116306	12.93	ng	95
34) Hexachlorobutadiene	8.20	225	76290	23.84	ng	98
35) Caprolactam	8.52	113	28623m	15.48	ng	
36) 4-Chloro-3-methylphenol	8.62	107	154124	23.94	ng	91
37) 2-Methylnaphthalene	8.78	142	319721	24.56	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	122689	18.40	ng	# 1
40) Hexachlorocyclopentadiene	8.92	237	184111	56.25	ng	99
42) 2,4,6-Trichlorophenol	9.05	196	98242	22.34	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.08	196	89701	23.71	nq	# 90
45) 1,1'-Biphenyl	9.23	154	379472	22.85	nq	100
46) 2-Chloronaphthalene	9.26	162	295539	22.67	nq	98
47) 2-Nitroaniline	9.35	65	91396	19.76	nq	95
48) Acenaphthylene	9.67	152	463888	22.37	nq	99
49) Dimethylphthalate	9.54	163	566879	39.68	nq	99
50) 2,6-Dinitrotoluene	9.60	165	83931	26.51	nq	92
51) Acenaphthene	9.84	154	270629	21.29	nq	99
52) 3-Nitroaniline	9.76	138	75992	18.88	nq	95
53) 2,4-Dinitrophenol	9.86	184	6151	4.40	nq	# 85
54) Dibenzofuran	10.01	168	410834	24.69	nq	# 89
55) 4-Nitrophenol	9.93	139	204079	66.72	nq	87
56) 2,4-Dinitrotoluene	10.00	165	112465	27.17	nq	95
57) Fluorene	10.35	166	317020	24.72	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	68252	23.32	nq	# 53
59) Diethylphthalate	10.24	149	382945	26.71	nq	100
60) 4-Chlorophenyl-phenylether	10.35	204	150960	25.34	nq	92
61) 4-Nitroaniline	10.36	138	72058	18.61	nq	81
62) Azobenzene	10.51	77	417073	25.50	nq	93
64) 4,6-Dinitro-2-methylphenol	10.40	198	15698	7.45	nq	91
65) n-Nitrosodiphenylamine	10.47	169	284911	21.36	nq	99
66) 4-Bromophenyl-phenylether	10.83	248	88135	22.19	nq	# 75
67) Hexachlorobenzene	10.90	284	98840	22.48	nq	# 87
68) Atrazine	10.99	200	81563	19.63	nq	92
69) Pentachlorophenol	11.10	266	86389	33.21	nq	98
70) Phenanthrene	11.31	178	506207	23.50	nq	98
71) Anthracene	11.36	178	476595	22.25	nq	100
72) Carbazole	11.52	167	458103	22.72	nq	97
73) Di-n-butylphthalate	11.85	149	526485	22.45	nq	99
74) Fluoranthene	12.49	202	506074	23.17	nq	97
76) Benzidine	12.62	184	104337	7.90	nq	98
77) Pyrene	12.72	202	503829	22.73	nq	99
79) Butylbenzylphthalate	13.35	149	318540	32.22	nq	95
80) Benzo(a)anthracene	13.90	228	363997	21.62	nq	100
81) 3,3'-Dichlorobenzidine	13.86	252	84331	13.32	nq	# 97
82) Chrysene	13.93	228	344646	20.69	nq	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	475825	42.15	nq	100
84) Di-n-octyl phthalate	14.51	149	446577	23.29	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.63	276	278343	21.72	nq	# 100
87) Benzo(b)fluoranthene	14.90	252	358406m	28.27	nq	
88) Benzo(k)fluoranthene	14.94	252	193281m	17.51	nq	
89) Benzo(a)pyrene	15.23	252	249596	23.25	nq	98
90) Dibenzo(a,h)anthracene	16.64	278	230141	25.67	nq	99
91) Benzo(g,h,i)perylene	17.02	276	239015	25.77	nq	99

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

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