

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088911.D
 Acq On : 11 Jul 2016 20:52
 Operator : UM/SJ
 Sample : H3921-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N8-B4(0-5)C

Manual Integrations

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 7/12/2016 7:35:56 PM

Quant Time: Jul 12 03:08:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	68872	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	291698	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	123730	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	205725	20.00	ng	0.00
75) Chrysene-d12	13.84	240	138672	20.00	ng	-0.01
86) Perylene-d12	15.22	264	121807	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	496825	108.11	ng	0.02
7) Phenol-d6	6.35	99	628928	105.92	ng	0.00
23) Nitrobenzene-d5	7.28	82	406413	73.01	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	137253	119.46	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	600115	76.61	ng	0.00
78) Terphenyl-d14	12.81	244	470010	75.49	ng	0.01

Target Compounds

						Qvalue
6) Aniline	6.48	93	541	0.06	ng	# 1
9) Benzaldehyde	6.35	77	815	0.20	ng	# 1
10) Phenol	6.36	94	5411	0.80	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	541	0.11	ng	# 1
15) Benzyl Alcohol	6.87	79	7613	1.74	ng	# 49
17) 2-Methylphenol	6.86	107	226	0.06	ng	# 1
22) Acetophenone	7.12	105	567	0.08	ng	# 57
24) Nitrobenzene	7.28	77	1254	0.22	ng	# 30
31) Naphthalene	8.02	128	1727	0.12	ng	# 68
37) 2-Methylnaphthalene	8.71	142	808	0.09	ng	# 86
45) 1,1'-Biphenyl	9.18	154	256	0.02	ng	# 43
47) 2-Nitroaniline	9.46	65	1145	0.40	ng	# 1
48) Acenaphthylene	9.60	152	2686	0.21	ng	95
49) Dimethylphthalate	9.47	163	103530	11.74	ng	97
50) 2,6-Dinitrotoluene	9.47	165	1123	0.57	ng	# 11
51) Acenaphthene	9.77	154	1104	0.14	ng	# 78
54) Dibenzofuran	9.94	168	974	0.09	ng	# 61
55) 4-Nitrophenol	9.94	139	322	0.17	ng	# 5
57) Fluorene	10.28	166	1116	0.14	ng	# 92
59) Diethylphthalate	10.17	149	311	0.04	ng	# 60
61) 4-Nitroaniline	10.39	138	309	0.13	ng	# 1
62) Azobenzene	10.39	77	2559	0.25	ng	# 41
65) n-Nitrosodiphenylamine	10.52	169	4260	0.61	ng	# 48
70) Phenanthrene	11.24	178	24666	2.19	ng	96
71) Anthracene	11.29	178	6246	0.56	ng	98
72) Carbazole	11.45	167	3516	0.33	ng	99
73) Di-n-butylphthalate	11.79	149	3223	0.26	ng	# 93
74) Fluoranthene	12.42	202	55323	4.85	ng	98
76) Benzidine	12.69	184	1395	0.20	ng	# 1
77) Pyrene	12.65	202	46775	3.98	ng	98
79) Butylbenzylphthalate	13.28	149	5795	1.10	ng	# 81
80) Benzo(a)anthracene	13.83	228	30485	3.41	ng	95
82) Chrysene	13.86	228	24255m	2.75	ng	
83) Bis(2-ethylhexyl)phthalate	13.84	149	14276	2.38	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.46	149	1162	0.11	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	17098	2.52	nq	# 100
87) Benzo(b)fluoranthene	14.83	252	36144m	4.73	nq	
88) Benzo(k)fluoranthene	14.85	252	15501m	2.33	nq	
89) Benzo(a)pyrene	15.15	252	22879	3.54	nq	# 91
90) Dibenzo(a,h)anthracene	16.50	278	4690	0.87	nq	# 70
91) Benzo(q,h,i)perylene	16.88	276	17750	3.18	nq	96

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

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