

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088914.D
 Acq On : 11 Jul 2016 22:20
 Operator : UM/SJ
 Sample : H3921-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N8-B2(0-5)C

Manual Integrations

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 7/12/2016 7:35:07 PM

Quant Time: Jul 12 03:20:42 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	63469	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	257667	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	105251	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	169044	20.00	ng	0.00
75) Chrysene-d12	13.84	240	132246	20.00	ng	-0.01
86) Perylene-d12	15.21	264	112260	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	513456	121.24	ng	0.02
7) Phenol-d6	6.35	99	560494	102.43	ng	0.00
23) Nitrobenzene-d5	7.28	82	392734	79.87	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	113768	116.40	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	561695	84.30	ng	0.00
78) Terphenyl-d14	12.81	244	447230	75.32	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	219	0.10	ng	# 87
6) Aniline	6.48	93	467	0.06	ng	# 1
9) Benzaldehyde	6.35	77	737	0.20	ng	# 1
10) Phenol	6.36	94	6752	1.08	ng	# 1
11) bis(2-Chloroethyl)ether	6.48	93	467	0.10	ng	# 1
15) Benzyl Alcohol	6.87	79	7352	1.83	ng	# 46
17) 2-Methylphenol	6.86	107	272	0.07	ng	# 1
22) Acetophenone	7.12	105	367	0.06	ng	# 57
24) Nitrobenzene	7.28	77	1130	0.23	ng	# 28
31) Naphthalene	8.02	128	1246	0.10	ng	# 68
37) 2-Methylnaphthalene	8.71	142	627	0.08	ng	# 87
45) 1,1'-Biphenyl	9.07	154	931	0.11	ng	# 1
47) 2-Nitroaniline	9.46	65	1007	0.41	ng	# 1
48) Acenaphthylene	9.60	152	3742	0.34	ng	98
49) Dimethylphthalate	9.47	163	98485	13.13	ng	98
50) 2,6-Dinitrotoluene	9.47	165	1020	0.61	ng	# 7
51) Acenaphthene	9.77	154	1028	0.15	ng	97
54) Dibenzofuran	9.94	168	783	0.09	ng	# 49
57) Fluorene	10.28	166	1426	0.21	ng	# 95
59) Diethylphthalate	10.17	149	250	0.03	ng	# 60
62) Azobenzene	10.52	77	559	0.07	ng	# 11
65) n-Nitrosodiphenylamine	10.52	169	3506	0.61	ng	# 37
70) Phenanthrene	11.24	178	31235	3.38	ng	98
71) Anthracene	11.29	178	7400	0.81	ng	99
72) Carbazole	11.45	167	4371	0.51	ng	97
73) Di-n-butylphthalate	11.79	149	1493	0.15	ng	# 77
74) Fluoranthene	12.42	202	76066	8.12	ng	98
76) Benzidine	12.69	184	608	0.09	ng	# 1
77) Pyrene	12.65	202	60403	5.39	ng	99
79) Butylbenzylphthalate	13.28	149	1701	0.34	ng	# 74
80) Benzo(a)anthracene	13.83	228	42926	5.04	ng	94
81) 3,3'-Dichlorobenzidine	13.89	252	242	0.08	ng	# 45
82) Chrysene	13.86	228	31482m	3.74	ng	
83) Bis(2-ethylhexyl)phthalate	13.84	149	8846	1.55	ng	# 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	14.46	149	1106	0.11	nq	# 100
85) Indeno(1,2,3-cd)pyrene	16.50	276	16916	2.61	nq	# 100
87) Benzo(b)fluoranthene	14.83	252	41987m	5.96	nq	
88) Benzo(k)fluoranthene	14.85	252	18795m	3.07	nq	
89) Benzo(a)pyrene	15.15	252	25944	4.35	nq	97
90) Dibenzo(a,h)anthracene	16.50	278	5405	1.09	nq	# 75
91) Benzo(q,h,i)perylene	16.88	276	15648	3.04	nq	99

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

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