

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094817.D
 Acq On : 3 May 2017 3:51
 Operator : SJ/MA
 Sample : I2920-11 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 144-159-284-331

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:44:44 PM

Quant Time: May 03 05:05:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97869	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	386142	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	165630	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	234239	20.00	ng	0.00
75) Chrysene-d12	18.65	240	217952	20.00	ng	0.00
86) Perylene-d12	20.31	264	177436	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.67	112	330155	56.24	ng	0.00
7) Phenol-d6	7.26	99	403109	57.23	ng	-0.02
23) Nitrobenzene-d5	8.62	82	212167	34.65	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	66744	49.20	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	449432	39.06	ng	-0.01
78) Terphenyl-d14	17.30	244	321487	32.49	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	117	0.041	ng	# 1
9) Benzaldehyde	7.27	77	282	0.066	ng	# 37
10) Phenol	7.29	94	4163	0.561	ng	# 60
15) Benzyl Alcohol	7.96	79	3720	0.821	ng	# 44
18) Hexachloroethane	8.72	117	127	0.049	ng	# 1
24) Nitrobenzene	8.62	77	516	0.080	ng	# 39
25) Isophorone	8.91	82	109	0.010	ng	# 67
31) Naphthalene	9.78	128	4647	0.239	ng	# 77
33) 4-Chloroaniline	9.78	127	758	0.105	ng	# 38
37) 2-Methylnaphthalene	10.92	142	1436	0.113	ng	# 67
45) 1,1'-Biphenyl	11.68	154	509	0.037	ng	# 42
48) Acenaphthylene	12.35	152	13364	0.758	ng	96
49) Dimethylphthalate	12.21	163	49617	3.649	ng	99
51) Acenaphthene	11.68	154	509	0.037	ng	# 4
54) Dibenzofuran	12.92	168	3361	0.231	ng	90
55) 4-Nitrophenol	12.92	139	1252	0.700	ng	# 25
56) 2,4-Dinitrotoluene	13.15	165	112	0.031	ng	# 31
57) Fluorene	13.47	166	8818	0.696	ng	# 86
59) Diethylphthalate	13.35	149	1076	0.083	ng	# 60
62) Azobenzene	13.75	77	134	0.013	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	1416	0.167	ng	# 46
70) Phenanthrene	15.01	178	112567	8.364	ng	98
71) Anthracene	15.09	178	50592	3.680	ng	97
72) Carbazole	15.38	167	5011	0.401	ng	# 91
73) Di-n-butylphthalate	15.95	149	3150	0.202	ng	# 52
74) Fluoranthene	16.76	202	584444	42.333	ng	98
77) Pyrene	17.06	202	635553	38.990	ng	97
79) Butylbenzylphthalate	17.97	149	634	0.084	ng	# 47
80) Benzo(a)anthracene	18.64	228	361253	28.480	ng	99
81) 3,3'-Dichlorobenzidine	18.61	252	250	0.057	ng	# 1
82) Chrysene	18.68	228	311340	25.384	ng	97
83) Bis(2-ethylhexyl)phthalate	18.71	149	8921	0.826	ng	# 95
84) Di-n-octyl phthalate	19.48	149	954	0.054	ng	# 1
85) Indeno(1,2,3-cd)pyrene	21.60	276	141095	14.166	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) Benzo(b)fluoranthene	19.91	252	402371m	36.699	ng	
88) Benzo(k)fluoranthene	19.93	252	132677m	12.545	ng	
89) Benzo(a)pyrene	20.25	252	290347	28.699	ng	98
90) Dibenzo(a,h)anthracene	21.61	278	38960m	4.663	ng	
91) Benzo(g,h,i)perylene	21.98	276	121612	14.832	ng	94

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

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