

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094836.D
 Acq On : 3 May 2017 15:17
 Operator : SJ/MA
 Sample : I2921-04 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-V9-BASE

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:45:59 PM

Quant Time: May 04 11:21:48 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	85049	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	330830	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	145734	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	227363	20.00	ng	0.00
75) Chrysene-d12	18.65	240	200440	20.00	ng	0.00
86) Perylene-d12	20.31	264	159474	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	53150	10.42	ng	0.00
7) Phenol-d6	7.28	99	63760	10.42	ng	0.00
23) Nitrobenzene-d5	8.62	82	37613	7.17	ng	-0.02
41) 2,4,6-Tribromophenol	13.88	330	10946	9.17	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	71475	7.06	ng	-0.01
78) Terphenyl-d14	17.30	244	48815	5.36	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	256	0.102	ng	# 21
10) Phenol	7.31	94	1699	0.263	ng	# 33
15) Benzyl Alcohol	7.97	79	674	0.171	ng	# 38
17) 2-Methylphenol	8.27	107	1016	0.214	ng	# 59
18) Hexachloroethane	8.62	117	273	0.121	ng	# 1
19) n-Nitroso-di-n-propylamine	8.41	70	247	0.060	ng	# 35
20) 3+4-Methylphenols	8.55	107	3261	0.505	ng	# 38
24) Nitrobenzene	8.61	77	216	0.039	ng	# 39
25) Isophorone	9.02	82	107	0.011	ng	# 67
27) 2,4-Dimethylphenol	9.37	122	2851	0.594	ng	# 83
31) Naphthalene	9.78	128	60165	3.618	ng	# 98
33) 4-Chloroaniline	9.78	127	7929	1.280	ng	# 31
35) Caprolactam	10.55	113	395	0.290	ng	# 1
36) 4-Chloro-3-methylphenol	10.78	107	113	0.023	ng	# 14
37) 2-Methylnaphthalene	10.91	142	22592	2.070	ng	# 95
45) 1,1'-Biphenyl	11.68	154	9280	0.756	ng	# 95
47) 2-Nitroaniline	11.93	65	117	0.043	ng	# 7
48) Acenaphthylene	12.35	152	21575	1.390	ng	# 99
49) Dimethylphthalate	12.21	163	9274	0.775	ng	# 91
51) Acenaphthene	12.62	154	77885m	6.348	ng	# 96
54) Dibenzofuran	12.92	168	87205	6.799	ng	# 96
56) 2,4-Dinitrotoluene	12.92	165	805	0.257	ng	# 1
57) Fluorene	13.47	166	129033	11.569	ng	# 100
59) Diethylphthalate	13.36	149	935	0.082	ng	# 60
61) 4-Nitroaniline	13.47	138	1713	0.712	ng	# 25
62) Azobenzene	13.74	77	1784	0.194	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	2729	0.331	ng	# 1
70) Phenanthrene	15.02	178	1271104	97.301	ng	# 99
71) Anthracene	15.09	178	392172	29.389	ng	# 98
72) Carbazole	15.38	167	133664	11.009	ng	# 96
73) Di-n-butylphthalate	15.94	149	1608	0.106	ng	# 1
74) Fluoranthene	16.77	202	1250477	93.315	ng	# 99
77) Pyrene	17.07	202	1078645	71.954	ng	# 97
79) Butylbenzylphthalate	17.95	149	129	0.019	ng	# 32

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	18.64	228	442868	37.964	ng	99
81) 3,3'-Dichlorobenzidine	18.71	252	3543	0.879	ng #	18
82) Chrysene	18.68	228	378786	33.581	ng	97
83) Bis(2-ethylhexyl)phthalate	18.71	149	1240	0.125	ng #	87
84) Di-n-octyl phthalate	19.48	149	145	0.009	ng #	1
85) Indeno(1,2,3-cd)pyrene	21.59	276	139816	15.264	ng	95
87) Benzo(b)fluoranthene	19.91	252	418762m	42.496	ng	
88) Benzo(k)fluoranthene	19.93	252	112701m	11.857	ng	
89) Benzo(a)pyrene	20.25	252	307054	33.768	ng	98
90) Dibenzo(a,h)anthracene	21.60	278	31097m	4.141	ng	
91) Benzo(g,h,i)perylene	21.97	276	137865	18.708	ng	95

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

