

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094834.D
 Acq On : 3 May 2017 14:11
 Operator : SJ/MA
 Sample : I2923-01DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 6TH-ST-SOIL-CUTTINGS(COMP)DL

Manual Integrations
 APPROVED

mohammad
 5/4/2017 1:45:55 PM

Quant Time: May 03 15:20:39 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	85046	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	341863	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	140465	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	233179	20.00	ng	0.00
75) Chrysene-d12	18.64	240	197071	20.00	ng	-0.01
86) Perylene-d12	20.31	264	159567	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	163385	32.03	ng	0.00
7) Phenol-d6	7.26	99	206460	33.73	ng	-0.02
23) Nitrobenzene-d5	8.61	82	111354	20.54	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	31085	27.02	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	208304	21.34	ng	-0.01
78) Terphenyl-d14	17.30	244	125894	14.07	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.10	88	149	0.060	ng	# 21
6) Aniline	7.38	93	108	0.014	ng	# 1
9) Benzaldehyde	7.12	77	303	0.081	ng	# 1
10) Phenol	7.29	94	1390	0.216	ng	# 5
11) bis(2-Chloroethyl)ether	7.38	93	108	0.020	ng	# 1
15) Benzyl Alcohol	7.96	79	1886	0.479	ng	# 41
17) 2-Methylphenol	8.35	107	237	0.050	ng	# 10
18) Hexachloroethane	8.42	117	116	0.051	ng	# 1
20) 3+4-Methylphenols	8.35	107	237	0.037	ng	# 5
22) Acetophenone	8.42	105	106	0.013	ng	# 1
24) Nitrobenzene	8.61	77	111	0.020	ng	# 39
25) Isophorone	8.84	82	473	0.049	ng	# 67
31) Naphthalene	9.78	128	541377	31.509	ng	99
37) 2-Methylnaphthalene	10.91	142	66691m	5.914	ng	
45) 1,1'-Biphenyl	11.68	154	12482	1.055	ng	96
48) Acenaphthylene	12.34	152	60879	4.070	ng	97
49) Dimethylphthalate	12.21	163	27696	2.402	ng	99
51) Acenaphthene	11.68	154	12482	1.055	ng	# 42
54) Dibenzofuran	12.92	168	61109	4.943	ng	98
56) 2,4-Dinitrotoluene	12.70	165	497	0.164	ng	# 31
57) Fluorene	13.47	166	59553	5.540	ng	97
59) Diethylphthalate	13.36	149	670	0.061	ng	# 60
61) 4-Nitroaniline	13.47	138	497	0.214	ng	# 25
62) Azobenzene	13.75	77	266	0.030	ng	# 1
65) n-Nitrosodiphenylamine	13.69	169	540	0.064	ng	# 5
70) Phenanthrene	15.01	178	239212	17.855	ng	96
71) Anthracene	15.09	178	86482	6.319	ng	96
72) Carbazole	15.38	167	36238	2.910	ng	96
73) Di-n-butylphthalate	15.95	149	498	0.032	ng	# 1
74) Fluoranthene	16.75	202	191668	13.946	ng	98
77) Pyrene	17.05	202	175160	11.884	ng	97
80) Benzo(a)anthracene	18.63	228	82602m	7.202	ng	
81) 3,3'-Dichlorobenzidine	18.71	252	678	0.171	ng	# 37
82) Chrysene	18.67	228	75193	6.780	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
83) Bis(2-ethylhexyl)phthalate	18.71	149	545	0.056	ng	# 52
84) Di-n-octyl phthalate	19.48	149	224	0.014	ng	# 1
85) Indeno(1,2,3-cd)pyrene	21.60	276	21791	2.420	ng	94
87) Benzo(b)fluoranthene	19.90	252	58646m	5.948	ng	
88) Benzo(k)fluoranthene	19.93	252	24121m	2.536	ng	
89) Benzo(a)pyrene	20.25	252	54276	5.966	ng	96
90) Dibenzo(a,h)anthracene	21.61	278	6826	0.908	ng	# 91
91) Benzo(g,h,i)perylene	21.98	276	21209	2.876	ng	97

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

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