

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082020\
 Data File : BF121350.D
 Acq On : 20 Aug 2020 16:44
 Operator : JU/CG
 Sample : L3710-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1-3-SOIL-DRUM

Quant Time: Aug 20 17:13:36 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 04:56:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	4986	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	19605	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	10670	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	18703	20.00	ng	0.00
76) Chrysene-d12	13.84	240	13574	20.00	ng	0.00
86) Perylene-d12	15.26	264	14497	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	614195	2019.89	ng	0.00
7) Phenol-d6	6.34	99	757069	1950.32	ng	0.00
23) Nitrobenzene-d5	7.26	82	486467	1403.35	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	216176	1738.60	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	899416	1893.19	ng	0.00
79) Terphenyl-d14	12.80	244	839213	1208.16	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.36	88	425	3.089	ng	# 73
9) Benzaldehyde	6.34	77	1120	5.129	ng	# 1
10) Phenol	6.35	94	16367	40.212	ng	# 86
11) bis(2-Chloroethyl)ether	6.35	93	645	2.058	ng	# 1
18) Hexachloroethane	7.31	117	399	2.981	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	63186	302.664	ng	# 79
24) Nitrobenzene	7.26	77	1521	4.305	ng	# 32
25) Isophorone	7.26	82	486462	771.131	ng	# 65
31) Naphthalene	8.00	128	2176	2.230	ng	# 97
46) 1,1'-Biphenyl	9.15	154	1738	2.173	ng	# 87
48) 2-Nitroaniline	9.45	65	1946	9.381	ng	# 1
49) Acenaphthylene	9.59	152	32781	33.497	ng	# 99
50) Dimethylphthalate	9.45	163	199756	257.330	ng	# 100
51) 2,6-Dinitrotoluene	9.45	165	2039	12.299	ng	# 1
52) Acenaphthene	9.76	154	1742	2.930	ng	# 99
55) Dibenzofuran	9.93	168	928	Below Cal		# 88
56) 4-Nitrophenol	9.93	139	309	2.416	ng	# 8
58) Fluorene	10.27	166	4457	2.099	ng	# 98
65) 4,6-Dinitro-2-methylphenol	10.51	198	329	3.289	ng	# 1
67) 4-Bromophenyl-phenylether	10.52	248	12263	59.109	ng	# 1
71) Phenanthrene	11.23	178	67726	69.967	ng	# 98
72) Anthracene	11.28	178	30354	32.564	ng	# 99
73) Carbazole	11.44	167	9759	10.970	ng	# 96
74) Di-n-butylphthalate	11.77	149	5999	5.592	ng	# 80
75) Fluoranthene	12.42	202	204444	194.588	ng	# 98
77) Benzidine	12.79	184	11431	30.566	ng	# 94
78) Pyrene	12.64	202	284764	279.279	ng	# 99
80) Butylbenzylphthalate	13.27	149	2270	5.181	ng	# 82
81) Benzo(a)anthracene	13.83	228	167858	199.097	ng	# 96
83) Chrysene	13.87	228	197175	228.668	ng	# 98
84) Bis(2-ethylhexyl)phthalate	13.83	149	218492	424.058	ng	# 99
85) Di-n-octyl phthalate	14.43	149	6458	6.773	ng	# 75
87) Indeno(1,2,3-cd)pyrene	16.61	276	74853	84.586	ng	# 97
88) Benzo(b)fluoranthene	14.86	252	365192	389.927	ng	# 99

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89) Benzo(k)fluoranthene	14.86	252	365192	442.966	ng	99
90) Benzo(a)pyrene	15.20	252	106495	131.601	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	23485	32.368	ng	# 82
92) Benzo(g,h,i)perylene	17.02	276	66600	93.892	ng	96

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

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