

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040115\
 Data File : BF078163.D
 Acq On : 1 Apr 2015 20:31
 Operator : TP/IZ
 Sample : G1614-04
 Misc : LOO-SOIL-20PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL2015-02

Manual Integrations
 APPROVED

apatel
 4/2/2015 5:50:57 PM

Quant Time: Apr 02 13:48:42 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 02 13:21:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	33795	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	140439	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	71017	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	137635	20.00	ng	0.00
75) Chrysene-d12	15.87	240	139888	20.00	ng	0.00
86) Perylene-d12	17.65	264	135123	20.00	ng	0.07

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	335774	163.82	ng	0.00
7) Phenol-d6	6.60	99	418287	162.84	ng	0.00
23) Nitrobenzene-d5	7.71	82	238872	103.10	ng	0.00
41) 2,4,6-Tribromophenol	11.74	330	107256	182.10	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	521275	104.92	ng	0.00
78) Terphenyl-d14	14.59	244	613878	99.16	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.88	88	17184	18.54	ng	99
3) Pyridine	2.54	79	45038	18.55	ng	97
4) n-Nitrosodimethylamine	2.46	42	18030m	19.29	ng	
6) Aniline	6.61	93	40295	11.06	ng	# 40
8) 2-Chlorophenol	6.75	128	52954	21.85	ng	98
9) Benzaldehyde	6.46	77	38170	22.42	ng	94
10) Phenol	6.62	94	63178	20.53	ng	98
11) bis(2-Chloroethyl)ether	6.72	93	50701	22.91	ng	100
12) 1,3-Dichlorobenzene	6.93	146	54431	20.44	ng	98
13) 1,4-Dichlorobenzene	7.04	146	55880	20.85	ng	100
14) 1,2-Dichlorobenzene	7.22	146	53918	21.46	ng	98
15) Benzyl Alcohol	7.21	79	40401	22.38	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.39	45	63909	21.65	ng	100
17) 2-Methylphenol	7.37	107	41284	21.94	ng	98
18) Hexachloroethane	7.64	117	18317	20.27	ng	97
19) n-Nitroso-di-n-propylamine	7.54	70	33724	19.90	ng	# 85
20) 3+4-Methylphenols	7.56	107	54527	21.72	ng	98
22) Acetophenone	7.53	105	70972	21.69	ng	# 89
24) Nitrobenzene	7.73	77	49438	20.41	ng	# 81
25) Isophorone	8.04	82	91147	20.73	ng	98
26) 2-Nitrophenol	8.13	139	23322	20.21	ng	96
27) 2,4-Dimethylphenol	8.21	122	44734	20.84	ng	99
28) bis(2-Chloroethoxy)methane	8.33	93	59209	21.00	ng	100
29) 2,4-Dichlorophenol	8.44	162	41035	21.01	ng	99
30) 1,2,4-Trichlorobenzene	8.53	180	45571	20.35	ng	100
31) Naphthalene	8.62	128	148882	20.37	ng	99
32) Benzoic acid	8.32	122	16160	19.87	ng	97
33) 4-Chloroaniline	8.70	127	43488	14.34	ng	98
34) Hexachlorobutadiene	8.77	225	24647	20.05	ng	97
35) Caprolactam	9.12	113	12571	21.57	ng	# 87
36) 4-Chloro-3-methylphenol	9.32	107	43897	22.28	ng	95
37) 2-Methylnaphthalene	9.48	142	104710	21.10	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	45159	20.52	ng	99
40) Hexachlorocyclopentadiene	9.68	237	15769	22.04	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	29939	21.57	nq	98
43) 2,4,5-Trichlorophenol	9.88	196	30430	20.99	nq	97
45) 1,1'-Biphenyl	10.06	154	122972	21.17	nq	100
46) 2-Chloronaphthalene	10.08	162	99261	21.72	nq	99
47) 2-Nitroaniline	10.21	65	23907	21.14	nq	91
48) Acenaphthylene	10.58	152	154006	20.87	nq	99
49) Dimethylphthalate	10.45	163	116556	21.85	nq	99
50) 2,6-Dinitrotoluene	10.52	165	23857	21.73	nq	# 53
51) Acenaphthene	10.80	154	88111	21.20	nq	99
52) 3-Nitroaniline	10.73	138	24344	19.50	nq	95
53) 2,4-Dinitrophenol	10.86	184	3941	19.55	nq	93
54) Dibenzofuran	11.01	168	145992	23.00	nq	98
55) 4-Nitrophenol	10.97	139	16106	19.68	nq	90
56) 2,4-Dinitrotoluene	11.02	165	31275	22.00	nq	97
57) Fluorene	11.44	166	113575	22.08	nq	99
58) 2,3,4,6-Tetrachlorophenol	11.17	232	24440	22.74	nq	100
59) Diethylphthalate	11.33	149	110229	21.43	nq	98
60) 4-Chlorophenyl-phenylether	11.45	204	52013	21.98	nq	# 70
61) 4-Nitroaniline	11.48	138	25045	19.85	nq	97
62) Azobenzene	11.64	77	106455	22.67	nq	98
64) 4,6-Dinitro-2-methylphenol	11.52	198	10403	21.07	nq	91
65) n-Nitrosodiphenylamine	11.61	169	95920	20.15	nq	98
66) 4-Bromophenyl-phenylether	12.05	248	31384	21.53	nq	97
67) Hexachlorobenzene	12.11	284	33419	20.92	nq	97
68) Atrazine	12.28	200	29576	21.45	nq	97
69) Pentachlorophenol	12.37	266	9469	19.83	nq	95
70) Phenanthrene	12.63	178	166388	20.90	nq	98
71) Anthracene	12.68	178	169621	21.62	nq	100
72) Carbazole	12.90	167	156255	21.25	nq	99
73) Di-n-butylphthalate	13.36	149	174551	20.96	nq	99
74) Fluoranthene	14.09	202	178061	21.21	nq	96
76) Benzidine	14.28	184	103302	19.18	nq	98
77) Pyrene	14.37	202	191514	21.81	nq	99
79) Butylbenzylphthalate	15.21	149	69605	20.80	nq	98
80) Benzo(a)anthracene	15.86	228	174817	21.00	nq	100
81) 3,3'-Dichlorobenzidine	15.85	252	31863	11.43	nq	# 95
82) Chrysene	15.91	228	166485	21.29	nq	100
83) Bis(2-ethylhexyl)phthalate	15.95	149	111978	21.33	nq	99
84) Di-n-octyl phthalate	16.76	149	178527	20.71	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.98	276	181354	20.44	nq	# 85
87) Benzo(b)fluoranthene	17.20	252	168343	20.16	nq	99
88) Benzo(k)fluoranthene	17.22	252	157687m	21.25	nq	
89) Benzo(a)pyrene	17.59	252	159126	21.83	nq	98
90) Dibenzo(a,h)anthracene	19.01	278	146593	20.09	nq	98
91) Benzo(g,h,i)perylene	19.37	276	152379	20.83	nq	98

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

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