

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071317\
 Data File : BF096731.D
 Acq On : 13 Jul 2017 16:51
 Operator : SJ/JU
 Sample : I3757-02
 Misc : 20PPM LOQ
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2017

Quant Time: Jul 14 01:06:26 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	105305	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	499500	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	222203	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	371933	20.00	ng	0.00
75) Chrysene-d12	13.77	240	228436	20.00	ng	0.00
86) Perylene-d12	15.15	264	172287	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	781195	111.54	ng	0.00
7) Phenol-d6	6.28	99	966196	114.96	ng	0.00
23) Nitrobenzene-d5	7.20	82	697600	86.51	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	210798	111.14	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1162577	82.66	ng	0.00
78) Terphenyl-d14	12.73	244	927811	70.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	76830	21.320	ng	# 75
3) Pyridine	2.93	79	151334	19.982	ng	# 61
4) n-Nitrosodimethylamine	2.84	42	84224	19.886	ng	# 83
6) Aniline	6.30	93	206632	19.960	ng	# 80
8) 2-Chlorophenol	6.42	128	153458	20.311	ng	98
9) Benzaldehyde	6.17	77	78038	16.065	ng	99
10) Phenol	6.29	94	188361	19.825	ng	80
11) bis(2-Chloroethyl)ether	6.37	93	144251	20.190	ng	92
12) 1,3-Dichlorobenzene	6.57	146	169325	21.083	ng	98
13) 1,4-Dichlorobenzene	6.65	146	168579	20.727	ng	95
14) 1,2-Dichlorobenzene	6.80	146	158240	21.390	ng	99
15) Benzyl Alcohol	6.78	79	119919	21.794	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	305896	20.746	ng	91
17) 2-Methylphenol	6.90	107	119594	20.355	ng	97
18) Hexachloroethane	7.15	117	67003	23.232	ng	# 79
19) n-Nitroso-di-n-propylamine	7.06	70	104732	20.684	ng	# 86
20) 3+4-Methylphenols	7.05	107	154178	21.625	ng	# 83
22) Acetophenone	7.05	105	207638	18.599	ng	98
24) Nitrobenzene	7.22	77	174678	20.944	ng	94
25) Isophorone	7.46	82	312669	20.842	ng	98
26) 2-Nitrophenol	7.53	139	95639	20.623	ng	# 86
27) 2,4-Dimethylphenol	7.58	122	158314	20.751	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	210558	20.771	ng	99
29) 2,4-Dichlorophenol	7.77	162	140724	20.377	ng	94
30) 1,2,4-Trichlorobenzene	7.86	180	134383	20.466	ng	96
31) Naphthalene	7.94	128	491225	20.760	ng	99
32) Benzoic acid	7.69	122	101230	20.760	ng	92
33) 4-Chloroaniline	7.99	127	202045	21.551	ng	98
34) Hexachlorobutadiene	8.06	225	72683	20.736	ng	95
35) Caprolactam	8.35	113	45612	20.613	ng	# 67
36) 4-Chloro-3-methylphenol	8.47	107	153792	20.711	ng	90
37) 2-Methylnaphthalene	8.63	142	317241	21.029	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	127304	21.194	ng	99
40) Hexachlorocyclopentadiene	8.79	237	35810	19.847	ng	98

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42) 2,4,6-Trichlorophenol	8.91	196	90661	20.462	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	93664	20.961	ng	95
45) 1,1'-Biphenyl	9.09	154	410720	21.552	ng	97
46) 2-Chloronaphthalene	9.12	162	295973	21.092	ng	94
47) 2-Nitroaniline	9.21	65	104415	21.647	ng	93
48) Acenaphthylene	9.53	152	476661	21.319	ng	98
49) Dimethylphthalate	9.40	163	349832	20.909	ng	98
50) 2,6-Dinitrotoluene	9.45	165	76723	21.171	ng	# 81
51) Acenaphthene	9.70	154	275538	20.861	ng	100
52) 3-Nitroaniline	9.62	138	91462	21.304	ng	93
53) 2,4-Dinitrophenol	9.73	184	27597	20.825	ng	# 73
54) Dibenzofuran	9.87	168	390595	21.103	ng	100
55) 4-Nitrophenol	9.79	139	64360	20.520	ng	# 73
56) 2,4-Dinitrotoluene	9.86	165	98380	21.126	ng	# 87
57) Fluorene	10.21	166	303177	22.166	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	64762	20.897	ng	# 98
59) Diethylphthalate	10.10	149	350021	21.490	ng	98
60) 4-Chlorophenyl-phenylether	10.21	204	127441	19.223	ng	94
61) 4-Nitroaniline	10.23	138	81856	20.304	ng	90
62) Azobenzene	10.37	77	304589	21.198	ng	92
64) 4,6-Dinitro-2-methylphenol	10.26	198	44883	19.220	ng	91
65) n-Nitrosodiphenylamine	10.33	169	278169	20.923	ng	99
66) 4-Bromophenyl-phenylether	10.69	248	79046	20.816	ng	95
67) Hexachlorobenzene	10.76	284	87871	20.777	ng	# 88
68) Atrazine	10.86	200	78819	20.809	ng	98
69) Pentachlorophenol	10.96	266	42750	20.924	ng	94
70) Phenanthrene	11.17	178	434679	21.494	ng	99
71) Anthracene	11.22	178	438144	21.428	ng	99
72) Carbazole	11.37	167	416050	21.012	ng	98
73) Di-n-butylphthalate	11.72	149	483226	19.596	ng	98
74) Fluoranthene	12.35	202	411320	21.249	ng	98
76) Benzidine	12.47	184	123420	16.492	ng	97
77) Pyrene	12.57	202	418720	20.197	ng	98
79) Butylbenzylphthalate	13.20	149	197664	40.133	ng	# 79
80) Benzo(a)anthracene	13.76	228	285330	20.047	ng	99
81) 3,3'-Dichlorobenzidine	13.73	252	93088	18.187	ng	# 95
82) Chrysene	13.80	228	278584	19.882	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	241197	20.107	ng	# 100
84) Di-n-octyl phthalate	14.38	149	387360	19.535	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.46	276	214846	18.916	ng	97
87) Benzo(b)fluoranthene	14.77	252	223017	21.463	ng	97
88) Benzo(k)fluoranthene	14.79	252	218808	22.238	ng	96
89) Benzo(a)pyrene	15.10	252	204149	21.421	ng	99
90) Dibenzo(a,h)anthracene	16.47	278	175252	19.985	ng	97
91) Benzo(g,h,i)perylene	16.84	276	184829	19.682	ng	99

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

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