

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051920\
 Data File : BG045426.D
 Acq On : 19 May 2020 16:06
 Operator : CG/JU
 Sample : L2182-02
 Misc : SOIL - L00 - 10PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL-02-QT2-2020

Quant Time: May 20 00:54:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 20 00:13:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84042	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	350414	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	251744	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	606877	20.00	ng	0.00
76) Chrysene-d12	21.61	240	602804	20.00	ng	0.00
87) Perylene-d12	24.77	264	645512	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	595651	138.51	ng	0.00
7) Phenol-d6	7.19	99	870596	142.24	ng	0.00
23) Nitrobenzene-d5	9.13	82	602807	93.81	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	480259	149.17	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1402267	94.48	ng	0.00
79) Terphenyl-d14	19.97	244	2467402	95.47	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.42	88	19250	9.027 ng	97
3) Pyridine	3.82	79	42916	7.226 ng	94
4) n-Nitrosodimethylamine	3.74	42	16456	8.467 ng	80
6) Aniline	7.29	93	77044	9.642 ng	93
8) 2-Chlorophenol	7.55	128	47326	10.035 ng	94
9) Benzaldehyde	7.10	77	43662	10.949 ng	93
10) Phenol	7.22	94	61788	9.795 ng	93
11) bis(2-Chloroethyl)ether	7.38	93	48535	9.864 ng	95
12) 1,3-Dichlorobenzene	7.86	146	53233	9.393 ng	94
13) 1,4-Dichlorobenzene	8.00	146	54193	9.690 ng	95
14) 1,2-Dichlorobenzene	8.32	146	51933	9.655 ng	92
15) Benzyl Alcohol	8.22	79	44808	8.862 ng	97
16) 2,2'-oxybis(1-Chloropropan	8.50	45	45777	9.801 ng	96
17) 2-Methylphenol	8.46	107	41301	8.747 ng	90
18) Hexachloroethane	9.05	117	20141	9.403 ng	89
19) n-Nitroso-di-n-propylamine	8.77	70	43463	10.269 ng	98
20) 3+4-Methylphenols	8.79	107	56840	8.840 ng	# 54
22) Acetophenone	8.79	105	79299	9.548 ng	# 92
24) Nitrobenzene	9.17	77	62622	9.096 ng	96
25) Isophorone	9.69	82	122883	9.710 ng	98
26) 2-Nitrophenol	9.88	139	25182	8.550 ng	# 86
27) 2,4-Dimethylphenol	9.98	122	43891	10.048 ng	93
28) bis(2-Chloroethoxy)methane	10.18	93	66939	10.086 ng	99
29) 2,4-Dichlorophenol	10.45	162	48249	9.354 ng	96
30) 1,2,4-Trichlorobenzene	10.64	180	56113	9.206 ng	96
31) Naphthalene	10.82	128	159310	9.756 ng	97
32) Benzoic acid	10.11	122	19284	7.351 ng	94
33) 4-Chloroaniline	10.94	127	63399	9.288 ng	95
34) Hexachlorobutadiene	11.11	225	38004	8.821 ng	97
35) Caprolactam	11.69	113	19925	10.524 ng	90
36) 4-Chloro-3-methylphenol	12.11	107	58172	10.008 ng	97
37) 2-Methylnaphthalene	12.43	142	122613	10.074 ng	92
38) 1-Methylnaphthalene	12.65	142	119969	10.435 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	67784	9.640 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	32250	7.946	ng	99
43) 2,4,6-Trichlorophenol	13.06	196	44487	9.108	ng	98
44) 2,4,5-Trichlorophenol	13.15	196	50660	9.076	ng	92
46) 1,1'-Biphenyl	13.44	154	161943	10.469	ng	97
47) 2-Chloronaphthalene	13.48	162	119752	9.534	ng	99
48) 2-Nitroaniline	13.70	65	36534	8.842	ng	# 91
49) Acenaphthylene	14.32	152	210174	10.417	ng	99
50) Dimethylphthalate	14.06	163	176948	10.246	ng	# 95
51) 2,6-Dinitrotoluene	14.18	165	39369	10.103	ng	94
52) Acenaphthene	14.67	154	119252	8.830	ng	96
53) 3-Nitroaniline	14.52	138	37475	9.460	ng	92
54) 2,4-Dinitrophenol	14.73	184	6853	3.028	ng	# 77
55) Dibenzofuran	15.01	168	207690	10.356	ng	95
56) 4-Nitrophenol	14.91	139	25997	8.668	ng	89
57) 2,4-Dinitrotoluene	14.97	165	56556	10.021	ng	88
58) Fluorene	15.66	166	170440	10.344	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	45142	9.192	ng	98
60) Diethylphthalate	15.42	149	185797	10.337	ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	93982	9.968	ng	98
62) 4-Nitroaniline	15.69	138	42471	10.270	ng	86
63) Azobenzene	15.94	77	172705	10.304	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	27617	7.814	ng	97
66) n-Nitrosodiphenylamine	15.86	169	153367	10.525	ng	99
67) 4-Bromophenyl-phenylether	16.55	248	62350	9.488	ng	99
68) Hexachlorobenzene	16.66	284	70791	10.300	ng	94
69) Atrazine	16.82	200	62085	10.345	ng	97
70) Pentachlorophenol	17.03	266	13649	3.824	ng	96
71) Phenanthrene	17.40	178	287982	10.870	ng	98
72) Anthracene	17.49	178	303294	11.400	ng	97
73) Carbazole	17.77	167	278853	10.752	ng	99
74) Di-n-butylphthalate	18.32	149	333575	10.716	ng	98
75) Fluoranthene	19.41	202	386158	11.459	ng	97
77) Benzidine	19.59	184	161002	9.510	ng	98
78) Pyrene	19.76	202	388426	11.304	ng	98
80) Butylbenzylphthalate	20.66	149	149184	10.058	ng	97
81) Benzo(a)anthracene	21.60	228	362742	10.802	ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	145700	11.061	ng	96
83) Chrysene	21.66	228	349316	10.819	ng	97
84) Bis(2-ethylhexyl)phthalate	21.51	149	211253	10.361	ng	99
85) Di-n-octyl phthalate	22.70	149	361614	10.327	ng	100
86) Indeno(1,2,3-cd)pyrene	28.34	276	418902	9.921	ng	98
88) Benzo(b)fluoranthene	23.77	252	359374	10.381	ng	99
89) Benzo(k)fluoranthene	23.84	252	357770	11.000	ng	99
90) Benzo(a)pyrene	24.62	252	336237	10.428	ng	# 97
91) Dibenzo(a,h)anthracene	28.41	278	344754	10.640	ng	97
92) Benzo(g,h,i)perylene	29.46	276	349184	10.776	ng	99

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

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