

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019172.D
 Acq On : 13 Oct 2015 00:16
 Operator : UM/NP
 Sample : G3707-04
 Misc : LOO 20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-SOIL2015-02

Manual Integrations
 APPROVED

MMdadoda
 10/13/2015 1:26:48 PM

Quant Time: Oct 13 04:29:49 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17469	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	79606	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	58184	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	150970	20.00	ng	0.00
75) Chrysene-d12	21.68	240	177509	20.00	ng	0.00
86) Perylene-d12	24.91	264	172601	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	102003	118.89	ng	0.00
7) Phenol-d6	7.20	99	159248	120.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	110508	76.70	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	92557	116.74	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	272543	72.02	ng	0.00
78) Terphenyl-d14	20.02	244	490824	73.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	4137	11.47	ng	# 86
3) Pyridine	3.91	79	11290	10.23	ng	91
4) n-Nitrosodimethylamine	3.81	42	8562	13.69	ng	88
6) Aniline	7.36	93	16799	9.41	ng	# 94
8) 2-Chlorophenol	7.60	128	16211	15.06	ng	100
9) Benzaldehyde	7.17	77	13959	16.81	ng	98
10) Phenol	7.23	94	21845	15.92	ng	98
11) bis(2-Chloroethyl)ether	7.45	93	14435	13.92	ng	98
12) 1,3-Dichlorobenzene	7.92	146	15968	13.59	ng	99
13) 1,4-Dichlorobenzene	8.07	146	16981	14.12	ng	99
14) 1,2-Dichlorobenzene	8.39	146	16515	14.19	ng	96
15) Benzyl Alcohol	8.27	79	17337	14.72	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	33420	15.05	ng	98
17) 2-Methylphenol	8.47	107	15236	15.54	ng	99
18) Hexachloroethane	9.12	117	6027	13.15	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	13712	13.11	ng	# 91
20) 3+4-Methylphenols	8.80	107	21058	14.92	ng	95
22) Acetophenone	8.85	105	25925	13.93	ng	# 96
24) Nitrobenzene	9.23	77	22300	14.59	ng	95
25) Isophorone	9.75	82	38011	12.97	ng	98
26) 2-Nitrophenol	9.95	139	8870	13.61	ng	91
27) 2,4-Dimethylphenol	10.01	122	15348	13.48	ng	87
28) bis(2-Chloroethoxy)methane	10.24	93	21486	13.74	ng	96
29) 2,4-Dichlorophenol	10.48	162	18553	15.54	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	18387	14.35	ng	93
31) Naphthalene	10.89	128	54610	14.25	ng	99
32) Benzoic acid	10.10	122	6198	15.13	ng	89
33) 4-Chloroaniline	10.99	127	16376	9.20	ng	97
34) Hexachlorobutadiene	11.17	225	13290	15.12	ng	97
35) Caprolactam	11.75	113	5872	13.35	ng	93
36) 4-Chloro-3-methylphenol	12.12	107	23958	15.79	ng	98
37) 2-Methylnaphthalene	12.49	142	44529	14.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	24043	14.38	ng	95
40) Hexachlorocyclopentadiene	12.84	237	11813	13.58	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	16556	14.22	ng	97
43) 2,4,5-Trichlorophenol	13.17	196	18592	15.03	ng	90
45) 1,1'-Biphenyl	13.50	154	57732	13.66	ng	96
46) 2-Chloronaphthalene	13.54	162	46514	14.31	ng	99
47) 2-Nitroaniline	13.74	65	18891	14.47	ng	94
48) Acenaphthylene	14.38	152	80255	14.00	ng	98
49) Dimethylphthalate	14.11	163	63495	13.82	ng	99
50) 2,6-Dinitrotoluene	14.23	165	13909	14.17	ng	99
51) Acenaphthene	14.72	154	48078	13.94	ng	98
52) 3-Nitroaniline	14.56	138	12061	11.13	ng	# 92
53) 2,4-Dinitrophenol	14.77	184	3173	9.48	ng	88
54) Dibenzofuran	15.06	168	77198	15.15	ng	96
55) 4-Nitrophenol	14.87	139	10551	12.87	ng	# 89
56) 2,4-Dinitrotoluene	15.02	165	20430	14.31	ng	# 95
57) Fluorene	15.70	166	65722	14.87	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	17981m	15.35	ng	
59) Diethylphthalate	15.48	149	68621	14.38	ng	99
60) 4-Chlorophenyl-phenylether	15.70	204	33395	14.83	ng	96
61) 4-Nitroaniline	15.72	138	15950	13.55	ng	95
62) Azobenzene	15.99	77	67468	15.24	ng	96
64) 4,6-Dinitro-2-methylphenol	15.78	198	8382	10.17	ng	91
65) n-Nitrosodiphenylamine	15.91	169	58568	14.04	ng	97
66) 4-Bromophenyl-phenylether	16.59	248	22887	14.92	ng	94
67) Hexachlorobenzene	16.72	284	26413	14.66	ng	91
68) Atrazine	16.86	200	24922	14.50	ng	93
69) Pentachlorophenol	17.06	266	11008	11.72	ng	93
70) Phenanthrene	17.45	178	111746	14.38	ng	98
71) Anthracene	17.54	178	114572	14.74	ng	100
72) Carbazole	17.81	167	101263	13.92	ng	95
73) Di-n-butylphthalate	18.37	149	126095	14.15	ng	99
74) Fluoranthene	19.46	202	139120	13.92	ng	99
76) Benzidine	19.64	184	20875	4.58	ng	97
77) Pyrene	19.82	202	142140	14.30	ng	99
79) Butylbenzylphthalate	20.70	149	52101	12.86	ng	97
80) Benzo(a)anthracene	21.66	228	133949	14.08	ng	97
81) 3,3'-Dichlorobenzidine	21.57	252	37277	10.59	ng	97
82) Chrysene	21.72	228	122979	13.62	ng	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	75113	13.35	ng	97
84) Di-n-octyl phthalate	22.78	149	129451	13.32	ng	99
85) Indeno(1,2,3-cd)pyrene	28.58	276	146019	13.29	ng	# 95
87) Benzo(b)fluoranthene	23.88	252	136254	14.68	ng	98
88) Benzo(k)fluoranthene	23.94	252	131161	14.32	ng	99
89) Benzo(a)pyrene	24.75	252	129953	14.82	ng	97
90) Dibenzo(a,h)anthracene	28.64	278	131549	13.97	ng	98
91) Benzo(g,h,i)perylene	29.72	276	119683	13.67	ng	96

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

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