

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071417\
 Data File : BG027929.D
 Acq On : 14 Jul 2017 17:41
 Operator : SJ/JU
 Sample : I3757-01
 Misc : 1PPM LOD
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-SOIL-01-QT3-2017

Quant Time: Jul 17 08:18:54 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 16:10:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	45296	20.00	ng	0.00
21) Naphthalene-d8	11.20	136	197333	20.00	ng	0.00
38) Acenaphthene-d10	14.98	164	141961	20.00	ng	0.00
63) Phenanthrene-d10	17.73	188	381838	20.00	ng	0.00
75) Chrysene-d12	22.06	240	459740	20.00	ng	0.00
86) Perylene-d12	25.59	264	424094	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.94	112	357984	141.36	ng	0.00
7) Phenol-d6	7.52	99	491918	134.83	ng	0.00
23) Nitrobenzene-d5	9.54	82	350731	99.31	ng	0.00
41) 2,4,6-Tribromophenol	16.47	330	328497	156.14	ng	0.00
44) 2-Fluorobiphenyl	13.61	172	1114802	103.56	ng	0.00
78) Terphenyl-d14	20.32	244	1940091	95.42	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.69	93	3777	0.889	ng	# 74
8) 2-Chlorophenol	7.94	128	2756	0.951	ng	82
9) Benzaldehyde	7.52	77	2480	1.242	ng	89
10) Phenol	7.54	94	3671	0.960	ng	# 74
11) bis(2-Chloroethyl)ether	7.78	93	2692	0.960	ng	86
12) 1,3-Dichlorobenzene	8.26	146	2936	0.866	ng	# 71
13) 1,4-Dichlorobenzene	8.41	146	3521	1.003	ng	# 68
14) 1,2-Dichlorobenzene	8.73	146	3323	0.975	ng	# 77
15) Benzyl Alcohol	8.62	79	1972	0.885	ng	# 84
16) 2,2'-oxybis(1-Chloropropan	8.89	45	5716	1.010	ng	93
18) Hexachloroethane	9.47	117	1033	0.905	ng	87
24) Nitrobenzene	9.59	77	3861	1.039	ng	99
31) Naphthalene	11.24	128	9676	0.983	ng	# 95
34) Hexachlorobutadiene	11.53	225	2603	0.982	ng	# 82
37) 2-Methylnaphthalene	12.83	142	6733	0.897	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	13.19	216	5354	0.954	ng	# 79
45) 1,1'-Biphenyl	13.81	154	11425	0.937	ng	98
46) 2-Chloronaphthalene	13.86	162	8402	0.946	ng	93
47) 2-Nitroaniline	14.06	65	1877	0.707	ng	90
48) Acenaphthylene	14.71	152	11128	0.787	ng	96
49) Dimethylphthalate	14.42	163	10254	0.865	ng	# 94
50) 2,6-Dinitrotoluene	14.55	165	1706	0.674	ng	# 70
51) Acenaphthene	15.04	154	7468	0.842	ng	95
54) Dibenzofuran	15.38	168	12222	0.902	ng	96
57) Fluorene	16.03	166	10767	0.889	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.60	232	2015	0.633	ng	# 83
59) Diethylphthalate	15.77	149	10901	0.949	ng	95
62) Azobenzene	16.30	77	8055	0.894	ng	96
65) n-Nitrosodiphenylamine	16.22	169	9290	0.833	ng	94
66) 4-Bromophenyl-phenylether	16.91	248	3869	0.812	ng	# 84
67) Hexachlorobenzene	17.03	284	4265	0.822	ng	# 88
68) Atrazine	17.16	200	3483	0.815	ng	91
70) Phenanthrene	17.77	178	19307	0.967	ng	# 91
71) Anthracene	17.86	178	16930	0.851	ng	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

72) Carbazole	18.14	167	14360	0.802	ng	# 87
73) Di-n-butylphthalate	18.66	149	15858	0.806	ng	# 92
74) Fluoranthene	19.77	202	20986	0.875	ng	90
77) Pyrene	20.13	202	22758	0.926	ng	97
79) Butylbenzylphthalate	21.00	149	6364	0.721	ng	87
80) Benzo(a)anthracene	22.04	228	23540	0.931	ng	# 89
82) Chrysene	22.11	228	22256	0.920	ng	93
83) Bis(2-ethylhexyl)phthalate	21.90	149	10450	0.813	ng	93
84) Di-n-octyl phthalate	23.21	149	16648	0.763	ng	# 99
85) Indeno(1,2,3-cd)pyrene	29.62	276	22197m	0.794	ng	
87) Benzo(b)fluoranthene	24.45	252	20627m	0.832	ng	
88) Benzo(k)fluoranthene	24.53	252	23062	0.931	ng	94
89) Benzo(a)pyrene	25.41	252	20214	0.865	ng	# 90
90) Dibenzo(a,h)anthracene	29.69	278	17413m	0.738	ng	
91) Benzo(g,h,i)perylene	30.89	276	18105m	0.796	ng	

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

