

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
 Data File : BG035954.D
 Acq On : 28 Jul 2018 2:31
 Operator : JU/SJ
 Sample : J4152-04MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LA-SOIL-1MS

Quant Time: Jul 28 06:47:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	36184	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	142764	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	109901	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	298009	20.00	ng	0.00
75) Chrysene-d12	21.66	240	309872	20.00	ng	0.00
86) Perylene-d12	24.85	264	305179	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	304652	139.78	ng	0.00
7) Phenol-d6	7.19	99	427485	131.46	ng	0.00
23) Nitrobenzene-d5	9.19	82	331233	96.92	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	228412	157.68	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	760179	92.67	ng	0.00
78) Terphenyl-d14	20.00	244	1407012	100.09	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	36631	33.023	ng	# 73
3) Pyridine	3.93	79	91248	31.510	ng	# 71
4) n-Nitrosodimethylamine	3.83	42	47924	38.542	ng	# 86
6) Aniline	7.35	93	123141	29.217	ng	99
8) 2-Chlorophenol	7.59	128	110889	50.026	ng	97
9) Benzaldehyde	7.17	77	62819	31.485	ng	99
10) Phenol	7.22	94	148760	45.282	ng	93
11) bis(2-Chloroethyl)ether	7.45	93	114283	44.420	ng	91
12) 1,3-Dichlorobenzene	7.92	146	124312	46.441	ng	96
13) 1,4-Dichlorobenzene	8.06	146	125149	46.015	ng	98
14) 1,2-Dichlorobenzene	8.38	146	122234	46.784	ng	99
15) Benzyl Alcohol	8.26	79	136088	46.087	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.55	45	131808	61.108	ng	78
17) 2-Methylphenol	8.47	107	111035	49.711	ng	# 91
18) Hexachloroethane	9.10	117	47398	45.580	ng	95
19) n-Nitroso-di-n-propylamine	8.83	70	113721	41.531	ng	# 85
20) 3+4-Methylphenols	8.80	107	152406	49.185	ng	93
22) Acetophenone	8.85	105	204458	46.054	ng	94
24) Nitrobenzene	9.23	77	163210	47.487	ng	94
25) Isophorone	9.75	82	333782	52.614	ng	99
26) 2-Nitrophenol	9.94	139	70338	57.624	ng	# 89
27) 2,4-Dimethylphenol	10.00	122	122732	59.400	ng	96
28) bis(2-Chloroethoxy)methane	10.23	93	172012	49.207	ng	95
29) 2,4-Dichlorophenol	10.48	162	136707	57.962	ng	90
30) 1,2,4-Trichlorobenzene	10.69	180	146310	50.589	ng	93
31) Naphthalene	10.88	128	370373	49.803	ng	98
33) 4-Chloroaniline	11.01	127	20940	6.460	ng	# 96
34) Hexachlorobutadiene	11.16	225	109964	48.759	ng	98
35) Caprolactam	11.78	113	36347	35.911	ng	# 61
36) 4-Chloro-3-methylphenol	12.12	107	170213	53.840	ng	95
37) 2-Methylnaphthalene	12.48	142	289241	52.205	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	194084	46.789	ng	98
40) Hexachlorocyclopentadiene	12.82	237	221931	102.018	ng	94
42) 2,4,6-Trichlorophenol	13.09	196	131524	54.219	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	13.17	196	144209	53.141	nq	98
45) 1,1'-Biphenyl	13.49	154	406311	47.686	nq	98
46) 2-Chloronaphthalene	13.53	162	325883	49.170	nq	98
47) 2-Nitroaniline	13.73	65	114988	49.075	nq	90
48) Acenaphthylene	14.37	152	541413	48.767	nq	99
49) Dimethylphthalate	14.10	163	462506	48.033	nq	98
50) 2,6-Dinitrotoluene	14.23	165	106275	54.199	nq	94
51) Acenaphthene	14.71	154	319225	46.158	nq	98
52) 3-Nitroaniline	14.56	138	50807	25.352	nq #	93
53) 2,4-Dinitrophenol	14.77	184	27789	31.874	nq #	66
54) Dibenzofuran	15.05	168	536393	48.768	nq	93
55) 4-Nitrophenol	14.88	139	112805	79.037	nq #	85
56) 2,4-Dinitrotoluene	15.01	165	155800	55.385	nq	88
57) Fluorene	15.69	166	444466	48.214	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	142442	54.745	nq	93
59) Diethylphthalate	15.46	149	461997	46.661	nq	98
60) 4-Chlorophenyl-phenylether	15.68	204	261432	48.250	nq	99
61) 4-Nitroaniline	15.72	138	99070	47.258	nq #	79
62) Azobenzene	15.98	77	466525	47.769	nq	94
64) 4,6-Dinitro-2-methylphenol	15.78	198	41946	25.285	nq	90
65) n-Nitrosodiphenylamine	15.90	169	405111	47.759	nq	97
66) 4-Bromophenyl-phenylether	16.58	248	176066	50.924	nq	97
67) Hexachlorobenzene	16.70	284	180770	50.771	nq	98
68) Atrazine	16.85	200	178222	51.030	nq	95
69) Pentachlorophenol	17.05	266	118779	54.771	nq	98
70) Phenanthrene	17.44	178	729892	49.084	nq	97
71) Anthracene	17.53	178	752420	50.816	nq	98
72) Carbazole	17.80	167	672677	47.838	nq	98
73) Di-n-butylphthalate	18.35	149	773142	46.528	nq #	98
74) Fluoranthene	19.44	202	961323	47.994	nq	96
76) Benzidine	19.62	184	540279	66.319	nq	98
77) Pyrene	19.81	202	943261	48.141	nq	97
79) Butylbenzylphthalate	20.68	149	361251	51.558	nq	97
80) Benzo(a)anthracene	21.64	228	969569	50.210	nq	99
81) 3,3'-Dichlorobenzidine	21.56	252	196793	29.228	nq #	97
82) Chrysene	21.70	228	901331	50.369	nq	97
83) Bis(2-ethylhexyl)phthalate	21.53	149	499891	52.478	nq	100
84) Di-n-octyl phthalate	22.73	149	854896	53.600	nq #	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1052384	53.120	nq #	86
87) Benzo(b)fluoranthene	23.84	252	952104	51.330	nq #	97
88) Benzo(k)fluoranthene	23.91	252	881407	48.605	nq #	97
89) Benzo(a)pyrene	24.71	252	897285	51.998	nq #	97
90) Dibenzo(a,h)anthracene	28.56	278	873159	51.540	nq #	96
91) Benzo(q,h,i)perylene	29.65	276	854023	51.516	nq #	92

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

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