Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062315\
Data File : BG017758.D
Acq On : 23 Jun 2015 15:40
Operator : TP/IZ
Sample : G2653-04
Misc : LOQ-SVOC-SOIL-20PPM
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL2015-02

Quant Time: Jun 23 16:36:58 2015
Quant Title :
QLast Update : Fri Jun 19 06:05:07 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	84177	20.00	ng		-0.01
21) Naphthalene-d8	10.39	136	389538	20.00	ng		-0.01
38) Acenaphthene-d10	14.26	164	242751	20.00	ng		-0.01
63) Phenanthrene-d10	17.02	188	537201	20.00	ng		-0.01
75) Chrysene-d12	21.21	240	558573	20.00	ng		-0.02
86) Perylene-d12	23.44	264	535179	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	548196	114.29	ng		-0.01
7) Phenol-d6	6.79	99	762884	113.16	ng		-0.01
23) Nitrobenzene-d5	8.76	82	466635	68.91	ng		-0.02
41) 2,4,6-Tribromophenol	15.76	330	221808	98.54	ng		-0.01
44) 2-Fluorobiphenyl	12.88	172	944691	63.20	ng		-0.02
78) Terphenyl-d14	19.66	244	1429832	58.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.17	88	33887	16.22	ng	#	77
3) Pyridine	3.55	79	105386	18.12	ng		98
4) n-Nitrosodimethylamine	3.47	42	55145	20.87	ng		93
6) Aniline	6.94	93	121242	13.08	ng		99
8) 2-Chlorophenol	7.17	128	109216	18.20	ng		85
9) Benzaldehyde	6.75	77	93538	23.93	ng		93
10) Phenol	6.81	94	146224	19.90	ng		96
11) bis(2-Chloroethyl)ether	7.04	93	100298	18.00	ng		96
12) 1,3-Dichlorobenzene	7.49	146	100267	15.02	ng		92
13) 1,4-Dichlorobenzene	7.64	146	104175	15.10	ng		97
14) 1,2-Dichlorobenzene	7.95	146	99692	15.31	ng		97
15) Benzyl Alcohol	7.85	79	102160	17.60	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.15	45	160740	18.90	ng		98
17) 2-Methylphenol	8.05	107	94130	17.21	ng		97
18) Hexachloroethane	8.67	117	41944	15.86	ng		94
19) n-Nitroso-di-n-propylamine	8.41	70	92313	16.27	ng		93
20) 3+4-Methylphenols	8.38	107	127303	17.25	ng		95
22) Acetophenone	8.42	105	149709	16.95	ng	#	95
24) Nitrobenzene	8.80	77	132821	18.25	ng		95
25) Isophorone	9.32	82	244194	16.19	ng		94
26) 2-Nitrophenol	9.51	139	55848	16.82	ng		90
27) 2,4-Dimethylphenol	9.57	122	105648	16.80	ng		95
28) bis(2-Chloroethoxy)methane	9.81	93	133029	17.50	ng		99
29) 2,4-Dichlorophenol	10.04	162	94254	17.01	ng		97
30) 1,2,4-Trichlorobenzene	10.26	180	86976	13.97	ng		98
31) Naphthalene	10.44	128	328105	15.58	ng		98
32) Benzoic acid	9.67	122	43265	18.27	ng		95
33) 4-Chloroaniline	10.55	127	93811	10.18	ng		96
34) Hexachlorobutadiene	10.73	225	50140	14.07	ng		98
35) Caprolactam	11.31	113	48834	15.86	ng		87
36) 4-Chloro-3-methylphenol	11.68	107	119645	17.45	ng		94
37) 2-Methylnaphthalene	12.06	142	240656	15.89	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.44	216	100086	15.37	ng		96
40) Hexachlorocyclopentadiene	12.42	237	59584	13.63	ng		95
42) 2,4,6-Trichlorophenol	12.68	196	69940	15.87	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.75	196	80101	16.67	ng		94
45) 1,1'-Biphenyl	13.09	154	300947	16.78	ng		96
46) 2-Chloronaphthalene	13.13	162	227461	15.75	ng		97
47) 2-Nitroaniline	13.34	65	91756	21.26	ng		86
48) Acenaphthylene	13.98	152	395785	15.34	ng		98
49) Dimethylphthalate	13.73	163	294686	15.87	ng		99
50) 2,6-Dinitrotoluene	13.84	165	67911	17.74	ng		94
51) Acenaphthene	14.33	154	237335	15.25	ng		96
52) 3-Nitroaniline	14.17	138	61780	13.81	ng		90
53) 2,4-Dinitrophenol	14.37	184	28020	20.97	ng	#	88
54) Dibenzofuran	14.66	168	363747	16.59	ng		98
55) 4-Nitrophenol	14.48	139	63823	18.06	ng		94
56) 2,4-Dinitrotoluene	14.63	165	89745	18.24	ng	#	81
57) Fluorene	15.31	166	314802	15.89	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.89	232	66729	16.74	ng		92
59) Diethylphthalate	15.10	149	321990	15.99	ng		97
60) 4-Chlorophenyl-phenylether	15.31	204	144953	15.94	ng		95
61) 4-Nitroaniline	15.34	138	86204	17.36	ng		91
62) Azobenzene	15.61	77	377531	17.89	ng		95
64) 4,6-Dinitro-2-methylphenol	15.40	198	43020	19.70	ng		91
65) n-Nitrosodiphenylamine	15.53	169	275676	16.06	ng		98
66) 4-Bromophenyl-phenylether	16.21	248	85990	15.50	ng		95
67) Hexachlorobenzene	16.32	284	85748	14.27	ng		95
68) Atrazine	16.49	200	98160	15.67	ng		98
69) Pentachlorophenol	16.67	266	41062	13.62	ng		95
70) Phenanthrene	17.06	178	486591	16.06	ng		99
71) Anthracene	17.15	178	493364	16.31	ng		98
72) Carbazole	17.42	167	460960	15.54	ng		97
73) Di-n-butylphthalate	18.01	149	601810	16.26	ng		98
74) Fluoranthene	19.08	202	542381	15.68	ng		97
76) Benzidine	19.27	184	124745	6.70	ng		98
77) Pyrene	19.44	202	569700	16.03	ng		96
79) Butylbenzylphthalate	20.37	149	270744	16.10	ng		95
80) Benzo(a)anthracene	21.20	228	496964	15.45	ng		98
81) 3,3'-Dichlorobenzidine	21.14	252	126057	10.51	ng		99
82) Chrysene	21.25	228	453381	15.36	ng		95
83) Bis(2-ethylhexyl)phthalate	21.15	149	373183	15.98	ng		95
84) Di-n-octyl phthalate	22.02	149	626098	16.33	ng		97
85) Indeno(1,2,3-cd)pyrene	25.70	276	503657	14.23	ng		98
87) Benzo(b)fluoranthene	22.77	252	483243	15.00	ng		97
88) Benzo(k)fluoranthene	22.82	252	455158	14.78	ng		100
89) Benzo(a)pyrene	23.35	252	449461	15.18	ng		96
90) Dibenzo(a,h)anthracene	25.71	278	427350	14.26	ng		99
91) Benzo(g,h,i)perylene	26.39	276	414476	14.27	ng		98

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

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