Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017903.D
Acq On : 16 Jul 2015 3:41
Operator : TP/UM
Sample : MDL-01-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-01-S-ML

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7/16/2015 4:38:00 PM

Quant Time: Jul 16 05:19:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 03:39:16 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	86222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	391907	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	237677	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	498235	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	525060	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	486625	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	10816	4.49	ng/uL	0.00
5) Phenol-d5	6.76	99	189196	25.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	115631	22.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	162587	28.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	159049	27.90	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	81378	26.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	75540	32.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	144441	30.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	239154	35.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	519211	31.33	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	637761	29.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	90294m	28.87	ng/ul	0.00
57) Fluorene-d10	15.24	176	477297	30.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	49737	21.34	ng/ul	0.00
70) Anthracene-d10	17.10	188	727207	32.21	ng/ul	0.00
78) Pyrene-d10	19.40	212	818435	33.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	766303	32.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2097	0.81	ng/uL#	68
4) Benzaldehyde	6.74	77	27877	6.40	ng/ul	96
6) Phenol	6.78	94	40702	4.99	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	33561	5.04	ng/ul	90
10) 2-Chlorophenol	7.15	128	30798	5.28	ng/ul#	87
11) 2-Methylphenol	8.03	108	28641	4.83	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	39471	4.08	ng/ul	97
14) Acetophenone	8.41	105	50037	5.27	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.39	70	25966	4.44	ng/ul#	90
16) 4-Methylphenol	8.35	108	32413	5.02	ng/ul	94
17) Hexachloroethane	8.66	117	13948	5.01	ng/ul	87
20) Nitrobenzene	8.78	77	34866	4.32	ng/ul#	88
21) Isophorone	9.30	82	71946	4.77	ng/ul	99
23) 2-Nitrophenol	9.49	139	16614	6.09	ng/ul#	88
24) 2,4-Dimethylphenol	9.55	107	35040	5.03	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.79	93	41385	4.88	ng/ul	94
27) 2,4-Dichlorophenol	10.01	162	29013	6.11	ng/ul	94
28) Naphthalene	10.42	128	112323	5.54	ng/ul	99
30) 4-Chloroaniline	10.53	127	41541	5.90	ng/ul	97
31) Hexachlorobutadiene	10.70	225	17296	5.78	ng/ul	98
32) Caprolactam	11.30	113	11749m	3.37	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	30055	5.16	ng/ul#	95
34) 2-Methylnaphthalene	12.04	142	80248	5.83	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	35172	5.62 ng/ul#	93
37) Hexachlorocyclopentadiene	12.40	237	14954	4.60 ng/ul#	97
38) 2,4,6-Trichlorophenol	12.66	196	17551	5.18 ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	19172	5.18 ng/ul	96
40) 1,1'-Biphenyl	13.07	154	102211	5.56 ng/ul#	91
41) 2-Chloronaphthalene	13.11	162	78212	5.54 ng/ul	94
42) 2-Nitroaniline	13.32	65	16806	4.06 ng/ul	97
44) Dimethylphthalate	13.71	163	107454	6.17 ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	16075	5.07 ng/ul	88
47) Acenaphthylene	13.96	152	134505	5.65 ng/ul	100
48) 3-Nitroaniline	14.15	138	18510	5.12 ng/ul#	84
49) Acenaphthene	14.31	153	88883	5.55 ng/ul	97
50) 2,4-Dinitrophenol	14.36	184	2308	1.73 ng/ul#	73
52) 4-Nitrophenol	14.46	109	13185	4.97 ng/ul#	80
53) Dibenzofuran	14.65	168	121711	5.77 ng/ul	93
54) 2,4-Dinitrotoluene	14.62	165	24677	5.43 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	14.87	232	15937	5.58 ng/ul#	88
56) Diethylphthalate	15.08	149	109949	6.14 ng/ul	99
58) Fluorene	15.30	166	104709	5.71 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.30	204	50642	5.95 ng/ul	95
60) 4-Nitroaniline	15.32	138	23248	5.40 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.38	198	11097	4.27 ng/ul	99
64) N-Nitrosodiphenylamine	15.51	169	88150	5.81 ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	29561	6.18 ng/ul	95
66) Hexachlorobenzene	16.30	284	33693	6.49 ng/ul#	86
67) Atrazine	16.47	200	31845	6.12 ng/ul	99
68) Pentachlorophenol	16.65	266	9597	3.73 ng/ul	88
69) Phenanthrene	17.04	178	166428	6.05 ng/ul	98
71) Anthracene	17.13	178	173519	6.16 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	32427	5.11 ng/uL	91
73) Pentachlorobenzene	14.56	250	42440	6.98 ng/uL	94
74) Carbazole	17.40	167	153390	6.24 ng/ul	99
75) Di-n-butylphthalate	17.98	149	186983	6.07 ng/ul#	96
76) Fluoranthene	19.06	202	187069	6.70 ng/ul	95
79) Pyrene	19.43	202	207744	6.43 ng/ul	96
80) Butylbenzylphthalate	20.35	149	72971	5.58 ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.12	252	41892	5.32 ng/ul#	95
82) Benzo(a)anthracene	21.18	228	187958	6.48 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	100099	5.53 ng/ul#	94
84) Chrysene	21.23	228	182316	6.55 ng/ul	99
86) Di-n-octyl phthalate	22.00	149	149626	5.25 ng/ul	100
87) Benzo(b)fluoranthene	22.74	252	161606	6.02 ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	173526	6.27 ng/ul	96
90) Benzo(a)pyrene	23.32	252	173876	6.45 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.66	276	179440	6.22 ng/ul	92
92) Dibenzo(a,h)anthracene	25.67	278	150525	6.13 ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	148965	6.17 ng/ul	95

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

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