Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017906.D
Acq On : 16 Jul 2015 5:25
Operator : TP/UM
Sample : MDL-04-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-04-S-ML

Manual Integrations APPROVED
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7/16/2015 4:38:17 PM

Quant Time: Jul 16 07:21:08 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	7.59	152	90930	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	412303	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	240631	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	503333	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	502579	20.00	ng/ul	0.00
85) Perylene-d12	23.41	264	468691	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	12143	4.78	ng/uL	0.00
5) Phenol-d5	6.76	99	212578	27.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	130219	24.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	187983	30.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	177752	29.57	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	89017	27.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	84883	35.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	157136	31.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	260598	36.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	540543	32.22	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	696501	31.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	89616	28.30	ng/ul	0.00
57) Fluorene-d10	15.24	176	502508	32.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	50426	21.41	ng/ul	0.00
70) Anthracene-d10	17.09	188	730959	32.05	ng/ul	0.00
78) Pyrene-d10	19.40	212	798886	33.75	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	719314	31.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	4207	1.55	ng/uL#	91
4) Benzaldehyde	6.73	77	31365	6.83	ng/ul	90
6) Phenol	6.79	94	46376	5.39	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.02	93	39275	5.60	ng/ul	90
10) 2-Chlorophenol	7.15	128	37383	6.08	ng/ul#	86
11) 2-Methylphenol	8.03	108	34663	5.55	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.13	45	48051	4.71	ng/ul#	92
14) Acetophenone	8.40	105	59492	5.95	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.39	70	31387	5.09	ng/ul#	86
16) 4-Methylphenol	8.36	108	37448	5.50	ng/ul	99
17) Hexachloroethane	8.65	117	16655	5.67	ng/ul	97
20) Nitrobenzene	8.77	77	42776	5.04	ng/ul#	90
21) Isophorone	9.30	82	83828	5.28	ng/ul	96
23) 2-Nitrophenol	9.49	139	19677	6.86	ng/ul	92
24) 2,4-Dimethylphenol	9.55	107	42776	5.83	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.79	93	49229	5.52	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	33547	6.71	ng/ul	89
28) Naphthalene	10.41	128	135850	6.37	ng/ul	99
30) 4-Chloroaniline	10.53	127	47886	6.46	ng/ul	94
31) Hexachlorobutadiene	10.71	225	21175	6.72	ng/ul	93
32) Caprolactam	11.31	113	13846m	3.78	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	34873	5.69	ng/ul#	87
34) 2-Methylnaphthalene	12.04	142	93207	6.44	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	41166	6.50	ng/ul#	91
37) Hexachlorocyclopentadiene	12.39	237	18192	5.53	ng/ul	93
38) 2,4,6-Trichlorophenol	12.66	196	20538m	5.98	ng/ul	
39) 2,4,5-Trichlorophenol	12.73	196	25022	6.68	ng/ul	95
40) 1,1'-Biphenyl	13.07	154	119726	6.43	ng/ul#	97
41) 2-Chloronaphthalene	13.11	162	94272	6.59	ng/ul	95
42) 2-Nitroaniline	13.32	65	19446	4.64	ng/ul	89
44) Dimethylphthalate	13.70	163	122429	6.95	ng/ul#	98
45) 2,6-Dinitrotoluene	13.82	165	19048	5.93	ng/ul	89
47) Acenaphthylene	13.96	152	157095	6.52	ng/ul	97
48) 3-Nitroaniline	14.15	138	20496	5.60	ng/ul	91
49) Acenaphthene	14.30	153	101521	6.26	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	2094	1.55	ng/ul#	79
52) 4-Nitrophenol	14.46	109	13629	5.08	ng/ul#	82
53) Dibenzofuran	14.64	168	141178	6.61	ng/ul	92
54) 2,4-Dinitrotoluene	14.62	165	26381	5.73	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	14.87	232	18291	6.33	ng/ul#	92
56) Diethylphthalate	15.08	149	118641	6.54	ng/ul	99
58) Fluorene	15.30	166	122886	6.62	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	57698	6.70	ng/ul	95
60) 4-Nitroaniline	15.31	138	25412	5.83	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.38	198	12074	4.60	ng/ul#	90
64) N-Nitrosodiphenylamine	15.51	169	98628	6.44	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	33589	6.96	ng/ul	84
66) Hexachlorobenzene	16.30	284	36486	6.96	ng/ul	91
67) Atrazine	16.47	200	33651	6.40	ng/ul	95
68) Pentachlorophenol	16.65	266	10701	4.12	ng/ul#	80
69) Phenanthrene	17.04	178	180673	6.50	ng/ul	100
71) Anthracene	17.13	178	193748	6.81	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	39553	6.17	ng/uL	96
73) Pentachlorobenzene	14.56	250	46524	7.57	ng/uL	97
74) Carbazole	17.40	167	171049	6.89	ng/ul	98
75) Di-n-butylphthalate	17.98	149	201585	6.47	ng/ul#	95
76) Fluoranthene	19.06	202	198546	7.03	ng/ul#	95
79) Pyrene	19.43	202	219702	7.10	ng/ul	97
80) Butylbenzylphthalate	20.35	149	73710	5.89	ng/ul#	85
81) 3,3'-Dichlorobenzidine	21.12	252	43648	5.80	ng/ul	98
82) Benzo(a)anthracene	21.18	228	197030	7.10	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.13	149	103910	6.00	ng/ul#	97
84) Chrysene	21.23	228	188007	7.06	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	156298	5.69	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	174300	6.74	ng/ul	93
88) Benzo(k)fluoranthene	22.79	252	176915	6.64	ng/ul#	96
90) Benzo(a)pyrene	23.32	252	184016	7.08	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.65	276	181644	6.54	ng/ul	95
92) Dibenzo(a,h)anthracene	25.67	278	151435	6.40	ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	153512	6.60	ng/ul	97

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

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