Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017907.D
Acq On : 16 Jul 2015 6:00
Operator : TP/UM
Sample : MDL-05-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-05-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:22 PM

Quant Time: Jul 16 07:22:54 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	86060	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	396298	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	244991	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	523902	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	536816	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	510840	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	11617	4.83	ng/uL	0.00
5) Phenol-d5	6.76	99	211751	28.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	125617	24.76	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	181883	31.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	179129	31.48	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	92138	29.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	86363	37.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	159845	33.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	267314	38.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	582267	34.09	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	725872	32.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	99410	30.84	ng/ul	0.00
57) Fluorene-d10	15.24	176	535033	33.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	60937	24.86	ng/ul	0.00
70) Anthracene-d10	17.09	188	808576	34.06	ng/ul	0.00
78) Pyrene-d10	19.40	212	902795	35.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	817546	32.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	2883	1.12	ng/uL#	86
4) Benzaldehyde	6.74	77	26882	6.18	ng/ul#	82
6) Phenol	6.79	94	41616	5.11	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.02	93	33608	5.06	ng/ul	91
10) 2-Chlorophenol	7.15	128	32345	5.55	ng/ul#	85
11) 2-Methylphenol	8.03	108	29065	4.91	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	39031	4.04	ng/ul	97
14) Acetophenone	8.40	105	50833	5.37	ng/ul#	87
15) N-Nitroso-di-n-propylamine	8.39	70	28187	4.83	ng/ul#	86
16) 4-Methylphenol	8.36	108	33786	5.24	ng/ul	94
17) Hexachloroethane	8.66	117	13592	4.89	ng/ul#	79
20) Nitrobenzene	8.78	77	35506	4.35	ng/ul#	89
21) Isophorone	9.30	82	73006	4.78	ng/ul	98
23) 2-Nitrophenol	9.48	139	16847	6.11	ng/ul#	88
24) 2,4-Dimethylphenol	9.55	107	36379	5.16	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	42091	4.91	ng/ul#	95
27) 2,4-Dichlorophenol	10.01	162	29535	6.15	ng/ul	91
28) Naphthalene	10.41	128	113721	5.55	ng/ul	98
30) 4-Chloroaniline	10.53	127	42484	5.96	ng/ul	100
31) Hexachlorobutadiene	10.71	225	18479	6.10	ng/ul	96
32) Caprolactam	11.30	113	12999m	3.69	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	30674	5.20	ng/ul#	78
34) 2-Methylnaphthalene	12.03	142	80402	5.78	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	36561	5.67 ng/ul#	87
37) Hexachlorocyclopentadiene	12.39	237	15009	4.48 ng/ul#	94
38) 2,4,6-Trichlorophenol	12.66	196	18489	5.29 ng/ul	99
39) 2,4,5-Trichlorophenol	12.73	196	22413	5.88 ng/ul	98
40) 1,1'-Biphenyl	13.07	154	104663	5.52 ng/ul	96
41) 2-Chloronaphthalene	13.10	162	81010	5.57 ng/ul	93
42) 2-Nitroaniline	13.32	65	17933	4.20 ng/ul	94
44) Dimethylphthalate	13.71	163	111281	6.20 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	17865	5.47 ng/ul#	83
47) Acenaphthylene	13.96	152	139671	5.69 ng/ul	97
48) 3-Nitroaniline	14.15	138	20744	5.57 ng/ul	88
49) Acenaphthene	14.31	153	93626	5.67 ng/ul	96
50) 2,4-Dinitrophenol	14.36	184	981	0.71 ng/ul#	73
52) 4-Nitrophenol	14.46	109	13518	4.95 ng/ul	86
53) Dibenzofuran	14.64	168	129069	5.94 ng/ul	92
54) 2,4-Dinitrotoluene	14.61	165	26232	5.60 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.88	232	17046	5.79 ng/ul	92
56) Diethylphthalate	15.08	149	114385	6.19 ng/ul	99
58) Fluorene	15.30	166	111615	5.91 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.30	204	53096	6.05 ng/ul	96
60) 4-Nitroaniline	15.32	138	24576	5.54 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.38	198	13203	4.83 ng/ul#	97
64) N-Nitrosodiphenylamine	15.51	169	94457	5.92 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	30216	6.01 ng/ul#	84
66) Hexachlorobenzene	16.30	284	33938	6.22 ng/ul	89
67) Atrazine	16.46	200	32816	6.00 ng/ul	99
68) Pentachlorophenol	16.65	266	10220	3.78 ng/ul#	87
69) Phenanthrene	17.03	178	177782	6.15 ng/ul	99
71) Anthracene	17.13	178	178039	6.01 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	35242	5.29 ng/uL	91
73) Pentachlorobenzene	14.56	250	42555	6.65 ng/uL	92
74) Carbazole	17.40	167	160368	6.21 ng/ul	98
75) Di-n-butylphthalate	17.98	149	195398	6.03 ng/ul	98
76) Fluoranthene	19.06	202	195273	6.65 ng/ul	97
79) Pyrene	19.43	202	216904	6.56 ng/ul	96
80) Butylbenzylphthalate	20.35	149	72618	5.44 ng/ul#	89
81) 3,3'-Dichlorobenzidine	21.12	252	42325	5.26 ng/ul#	93
82) Benzo(a)anthracene	21.18	228	183950	6.21 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	96568	5.22 ng/ul	98
84) Chrysene	21.24	228	184080	6.47 ng/ul	100
86) Di-n-octyl phthalate	22.00	149	150550	5.03 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	169867	6.03 ng/ul	97
88) Benzo(k)fluoranthene	22.79	252	166692	5.74 ng/ul#	95
90) Benzo(a)pyrene	23.32	252	175399	6.20 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	175281	5.79 ng/ul	97
92) Dibenzo(a,h)anthracene	25.67	278	152853	5.93 ng/ul	98
93) Benzo(g,h,i)perylene	26.35	276	151385	5.97 ng/ul	98

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

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