Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071415\
Data File : BG017869.D
Acq On : 14 Jul 2015 21:58
Operator : TP/UM
Sample : MDL-02-S
Misc : MDL-SOIL-SVOC-4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-S

Manual Integrations APPROVED
apatel
7/16/2015 8:17:31 AM

Quant Time: Jul 15 06:46:16 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG071415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 02:46:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	64654	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	284029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	161175	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	326037	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	319739	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	299714	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	11917	6.60	ng/uL	0.00
5) Phenol-d5	6.77	99	206885	37.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	143560	37.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	163219	37.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	161276	37.73	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	85266	38.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	72292	43.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	130651	38.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	234407	47.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	455732	40.56	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	590132	40.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	72149	34.02	ng/ul	0.00
57) Fluorene-d10	15.24	176	417737	39.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	38952	25.53	ng/ul	0.00
70) Anthracene-d10	17.10	188	611182	41.37	ng/ul	0.00
78) Pyrene-d10	19.40	212	663984	44.10	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	599682	40.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	1880m	0.97	ng/uL	
4) Benzaldehyde	6.74	77	16241	4.97	ng/ul	90
6) Phenol	6.79	94	20196	3.30	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.02	93	18246	3.66	ng/ul	91
10) 2-Chlorophenol	7.15	128	15823	3.62	ng/ul	90
11) 2-Methylphenol	8.04	108	14390	3.24	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.13	45	26304	3.63	ng/ul#	89
14) Acetophenone	8.41	105	25966	3.65	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.39	70	16227	3.70	ng/ul#	84
16) 4-Methylphenol	8.36	108	15242	3.15	ng/ul	91
17) Hexachloroethane	8.66	117	7541	3.61	ng/ul#	89
20) Nitrobenzene	8.79	77	22071	3.78	ng/ul	93
21) Isophorone	9.30	82	38796	3.55	ng/ul#	97
23) 2-Nitrophenol	9.49	139	7508	3.80	ng/ul#	85
24) 2,4-Dimethylphenol	9.56	107	17188	3.40	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.80	93	21249	3.46	ng/ul#	91
27) 2,4-Dichlorophenol	10.02	162	12287	3.57	ng/ul#	82
28) Naphthalene	10.41	128	54293	3.69	ng/ul#	95
30) 4-Chloroaniline	10.53	127	19276	3.78	ng/ul	100
31) Hexachlorobutadiene	10.71	225	8292	3.82	ng/ul	94
32) Caprolactam	11.31	113	4780m	1.89	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	12389	2.93	ng/ul#	90
34) 2-Methylnaphthalene	12.04	142	37664	3.78	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	14915	3.52	ng/ul#	89
37) Hexachlorocyclopentadiene	12.40	237	5731	2.60	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.66	196	6898	3.00	ng/ul	93
39) 2,4,5-Trichlorophenol	12.73	196	7295m	2.91	ng/ul	
40) 1,1'-Biphenyl	13.07	154	46368	3.72	ng/ul#	93
41) 2-Chloronaphthalene	13.11	162	32738	3.42	ng/ul	97
42) 2-Nitroaniline	13.32	65	8714	3.10	ng/ul#	79
44) Dimethylphthalate	13.70	163	45526	3.86	ng/ul#	95
45) 2,6-Dinitrotoluene	13.82	165	6174	2.87	ng/ul	99
47) Acenaphthylene	13.96	152	60292	3.73	ng/ul	99
48) 3-Nitroaniline	14.15	138	7041	2.87	ng/ul#	82
49) Acenaphthene	14.31	153	39342	3.62	ng/ul	97
50) 2,4-Dinitrophenol	14.37	184	974	1.07	ng/ul#	84
52) 4-Nitrophenol	14.47	109	6066	3.37	ng/ul	84
53) Dibenzofuran	14.64	168	52704	3.68	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	8992	2.92	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.87	232	5690	2.94	ng/ul#	87
56) Diethylphthalate	15.09	149	42476	3.50	ng/ul	97
58) Fluorene	15.30	166	44738	3.60	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	20355	3.53	ng/ul	95
60) 4-Nitroaniline	15.31	138	8792	3.01	ng/ul#	85
63) 4,6-Dinitro-2-methylphenol	15.38	198	3836	2.25	ng/ul#	73
64) N-Nitrosodiphenylamine	15.51	169	36048	3.63	ng/ul	95
65) 4-Bromophenyl-phenylether	16.19	248	11197	3.58	ng/ul	88
66) Hexachlorobenzene	16.30	284	12313	3.63	ng/ul	98
67) Atrazine	16.47	200	11092	3.26	ng/ul	97
68) Pentachlorophenol	16.65	266	3958	2.35	ng/ul#	79
69) Phenanthrene	17.04	178	68581	3.81	ng/ul	99
71) Anthracene	17.13	178	70991	3.85	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	14519	3.50	ng/uL	97
73) Pentachlorobenzene	14.56	250	16515	4.15	ng/uL	93
74) Carbazole	17.41	167	61626	3.83	ng/ul	99
75) Di-n-butylphthalate	17.98	149	68814	3.41	ng/ul#	96
76) Fluoranthene	19.06	202	71636	3.92	ng/ul	97
79) Pyrene	19.43	202	79507	4.04	ng/ul#	92
80) Butylbenzylphthalate	20.35	149	23379	2.94	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.13	252	10723	2.24	ng/ul	96
82) Benzo(a)anthracene	21.18	228	71161	4.03	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.13	149	33179	3.01	ng/ul	96
84) Chrysene	21.23	228	65683	3.88	ng/ul	99
86) Di-n-octyl phthalate	22.00	149	42411	2.42	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	61532	3.72	ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	61939	3.63	ng/ul	97
90) Benzo(a)pyrene	23.32	252	63858	3.84	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.66	276	60540	3.41	ng/ul	96
92) Dibenzo(a,h)anthracene	25.67	278	47808	3.16	ng/ul	94
93) Benzo(g,h,i)perylene	26.34	276	51308	3.45	ng/ul	97

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

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