Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071515\
Data File : BG017904.D
Acq On : 16 Jul 2015 4:16
Operator : TP/UM
Sample : MDL-02-S-ML
Misc : MDL-SOIL-SVOC-8PPM-MED LEVEL
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-02-S-ML

Manual Integrations APPROVED
apatel
7/16/2015 4:38:09 PM

Quant Time: Jul 16 05:21:48 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	93022	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	420373	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	253923	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	536977	20.00	ng/ul	0.00
77) Chrysene-d12	21.19	240	538362	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	522702	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	13604	5.23	ng/uL	0.00
5) Phenol-d5	6.76	99	245975	30.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	142563	26.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	210583	33.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	199967	32.51	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	103203	31.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	96150	39.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	179041	35.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	300484	41.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	616827	34.84	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	778540	33.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	108299	32.42	ng/ul	0.00
57) Fluorene-d10	15.24	176	575882	34.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	58818	23.41	ng/ul	0.00
70) Anthracene-d10	17.09	188	853250	35.06	ng/ul	0.00
78) Pyrene-d10	19.40	212	928148	36.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	853395	33.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	4097	1.47	ng/uL#	32
4) Benzaldehyde	6.74	77	31558	6.72	ng/ul#	76
6) Phenol	6.79	94	47075	5.35	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.02	93	38783	5.40	ng/ul	91
10) 2-Chlorophenol	7.15	128	38087	6.05	ng/ul#	84
11) 2-Methylphenol	8.03	108	33744	5.28	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.12	45	47727	4.58	ng/ul#	94
14) Acetophenone	8.40	105	58187	5.68	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.39	70	30889	4.90	ng/ul#	90
16) 4-Methylphenol	8.35	108	38658	5.55	ng/ul	91
17) Hexachloroethane	8.65	117	15709	5.23	ng/ul	95
20) Nitrobenzene	8.78	77	43809	5.06	ng/ul#	84
21) Isophorone	9.30	82	81811	5.05	ng/ul	98
23) 2-Nitrophenol	9.48	139	19133	6.54	ng/ul#	81
24) 2,4-Dimethylphenol	9.55	107	41052	5.49	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.79	93	47751	5.25	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	33797	6.63	ng/ul	91
28) Naphthalene	10.41	128	131952	6.07	ng/ul	97
30) 4-Chloroaniline	10.53	127	50040	6.62	ng/ul	97
31) Hexachlorobutadiene	10.71	225	20759	6.46	ng/ul#	89
32) Caprolactam	11.31	113	13650m	3.66	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	32830	5.25	ng/ul#	90
34) 2-Methylnaphthalene	12.04	142	90599	6.14	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	40423	6.05 ng/ul	92
37) Hexachlorocyclopentadiene	12.39	237	17453	5.03 ng/ul	94
38) 2,4,6-Trichlorophenol	12.66	196	20127	5.56 ng/ul	90
39) 2,4,5-Trichlorophenol	12.73	196	23200	5.87 ng/ul	85
40) 1,1'-Biphenyl	13.07	154	117939	6.00 ng/ul#	96
41) 2-Chloronaphthalene	13.11	162	90674	6.01 ng/ul	96
42) 2-Nitroaniline	13.32	65	18781	4.24 ng/ul	86
44) Dimethylphthalate	13.70	163	119693	6.44 ng/ul	97
45) 2,6-Dinitrotoluene	13.83	165	18549	5.48 ng/ul#	83
47) Acenaphthylene	13.96	152	153514	6.03 ng/ul	97
48) 3-Nitroaniline	14.15	138	21793	5.64 ng/ul	97
49) Acenaphthene	14.31	153	99317	5.80 ng/ul	95
50) 2,4-Dinitrophenol	14.36	184	2579	1.81 ng/ul#	79
52) 4-Nitrophenol	14.46	109	14387m	5.08 ng/ul	
53) Dibenzofuran	14.64	168	140939	6.25 ng/ul	93
54) 2,4-Dinitrotoluene	14.61	165	27512	5.66 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.88	232	16930	5.55 ng/ul#	87
56) Diethylphthalate	15.08	149	119546	6.25 ng/ul	99
58) Fluorene	15.30	166	121862	6.23 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	57499	6.33 ng/ul	95
60) 4-Nitroaniline	15.32	138	25427	5.53 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	12951	4.62 ng/ul	99
64) N-Nitrosodiphenylamine	15.51	169	99137	6.06 ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	32205	6.25 ng/ul#	86
66) Hexachlorobenzene	16.30	284	36656	6.55 ng/ul	93
67) Atrazine	16.47	200	33465	5.97 ng/ul	91
68) Pentachlorophenol	16.65	266	11262	4.06 ng/ul	91
69) Phenanthrene	17.03	178	186667	6.30 ng/ul	99
71) Anthracene	17.13	178	192438	6.34 ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	38601	5.65 ng/uL	96
73) Pentachlorobenzene	14.56	250	44576	6.80 ng/uL	96
74) Carbazole	17.40	167	167910	6.34 ng/ul	99
75) Di-n-butylphthalate	17.98	149	208303	6.27 ng/ul#	95
76) Fluoranthene	19.06	202	201298	6.69 ng/ul	97
79) Pyrene	19.43	202	229107	6.91 ng/ul	93
80) Butylbenzylphthalate	20.35	149	78002	5.82 ng/ul	85
81) 3,3'-Dichlorobenzidine	21.12	252	42992	5.33 ng/ul#	94
82) Benzo(a)anthracene	21.18	228	199302	6.71 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.13	149	106479	5.74 ng/ul	97
84) Chrysene	21.24	228	195071	6.84 ng/ul	97
86) Di-n-octyl phthalate	22.00	149	160772	5.25 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	180929	6.27 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	175554	5.91 ng/ul#	94
90) Benzo(a)pyrene	23.32	252	186553	6.44 ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.66	276	188238	6.07 ng/ul	95
92) Dibenzo(a,h)anthracene	25.67	278	161541	6.13 ng/ul	96
93) Benzo(g,h,i)perylene	26.34	276	157064	6.05 ng/ul	97

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

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