Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000109.D
Acq On : 02 Jan 2015 14:24
Operator : TP/IZ
Sample : MDL-07-S-ML
Misc : MDL-07-SOIL-4PPM-ML
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-07-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:38:36 PM

Quant Time: Jan 05 00:12:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	308435	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1352345	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	964534	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1883803	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1600444	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1273543	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	28742	5.40	ng/uL	-0.01
5) Phenol-d5	7.00	99	928682	34.76	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	577546	35.36	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	672139	35.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	741764	35.14	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	359033	38.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	399779m	41.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	738156m	34.86	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	987684	41.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2575042	36.20	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2967844	34.82	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	372888	32.45	ng/ul	0.00
57) Fluorene-d10	15.47	176	2086652	34.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	232449	24.88	ng/ul	0.00
70) Anthracene-d10	17.32	188	3190156	36.62	ng/ul	0.00
76) Pyrene-d10	19.61	212	3256926	44.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2220196	38.63	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	21613	2.93	ng/uL	94
4) Benzaldehyde	6.98	77	62062	3.73	ng/ul	93
6) Phenol	7.02	94	85574	3.08	ng/ul	87
8) Bis(2-Chloroethyl)ether	7.26	93	70603	3.32	ng/ul	96
10) 2-Chlorophenol	7.40	128	64462	3.24	ng/ul	97
11) 2-Methylphenol	8.26	108	66451	3.10	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.37	45	116192	3.39	ng/ul	99
14) Acetophenone	8.65	105	111736	3.10	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	63147	3.35	ng/ul	95
16) 4-Methylphenol	8.60	108	72994	3.14	ng/ul	100
17) Hexachloroethane	8.92	117	28571	3.14	ng/ul	91
20) Nitrobenzene	9.03	77	93470	3.35	ng/ul	99
21) Isophorone	9.56	82	171843	3.20	ng/ul	99
23) 2-Nitrophenol	9.74	139	39270	3.73	ng/ul	91
24) 2,4-Dimethylphenol	9.80	107	90594	3.17	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.04	93	94144	3.15	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	66704	3.17	ng/ul	89
28) Naphthalene	10.68	128	223073	3.23	ng/ul	99
30) 4-Chloroaniline	10.79	127	84395	3.41	ng/ul	97
31) Hexachlorobutadiene	10.96	225	51445	3.45	ng/ul	95
32) Caprolactam	11.59	113	19071m	2.72	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	80451	3.12	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	166596	3.26	ng/ul	98

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Quant Time: Jan 05 00:12:10 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	88908	3.32	ng/ul#	95
37) Hexachlorocyclopentadiene	12.64	237	41757	2.36	ng/ul	95
38) 2,4,6-Trichlorophenol	12.89	196	53352	3.13	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	58765	3.17	ng/ul	95
40) 1,1'-Biphenyl	13.31	154	224222	3.23	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	170338	3.20	ng/ul	98
42) 2-Nitroaniline	13.55	65	55070	3.19	ng/ul	93
44) Dimethylphthalate	13.92	163	230299	3.25	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	39453	3.11	ng/ul	92
47) Acenaphthylene	14.20	152	282336	3.14	ng/ul	99
48) 3-Nitroaniline	14.37	138	38571	2.97	ng/ul	90
49) Acenaphthene	14.54	153	178761	3.12	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	8022	1.25	ng/ul	93
52) 4-Nitrophenol	14.68	109	47391	3.10	ng/ul	98
53) Dibenzofuran	14.87	168	267671	3.23	ng/ul	100
54) 2,4-Dinitrotoluene	14.83	165	59414	3.14	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	46599	2.92	ng/ul#	88
56) Diethylphthalate	15.29	149	239264	3.21	ng/ul	99
58) Fluorene	15.52	166	222816	3.24	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	114065	3.36	ng/ul	99
60) 4-Nitroaniline	15.53	138	46313	3.16	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	22830	2.39	ng/ul#	72
64) N-Nitrosodiphenylamine	15.73	169	186239	3.41	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	66192	3.45	ng/ul#	82
66) Hexachlorobenzene	16.52	284	77084	3.48	ng/ul	99
67) Atrazine	16.68	200	71201	3.30	ng/ul	99
68) Pentachlorophenol	16.86	266	30725m	2.28	ng/ul	
69) Phenanthrene	17.26	178	348833m	3.42	ng/ul	
71) Anthracene	17.35	178	343658	3.28	ng/ul	98
72) Carbazole	17.61	167	310290	3.29	ng/ul	99
73) Di-n-butylphthalate	18.17	149	377369	3.35	ng/ul#	98
74) Fluoranthene	19.27	202	382431	3.27	ng/ul	98
77) Pyrene	19.64	202	387328	4.02	ng/ul	99
78) Butylbenzylphthalate	20.54	149	134017	3.42	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.32	252	85489	2.92	ng/ul	98
80) Benzo(a)anthracene	21.39	228	319285	3.46	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	192182	3.37	ng/ul#	99
82) Chrysene	21.43	228	285828	3.36	ng/ul	98
84) Di-n-octyl phthalate	22.21	149	275301	3.14	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	270459	3.33	ng/ul	98
86) Benzo(k)fluoranthene	23.04	252	238800	3.44	ng/ul	100
88) Benzo(a)pyrene	23.59	252	248745	3.48	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	265350	3.56	ng/ul	96
90) Dibenzo(a,h)anthracene	26.04	278	223674	3.57	ng/ul	98
91) Benzo(g,h,i)perylene	26.74	276	220094	3.60	ng/ul	98

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

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