Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000114.D
Acq On : 02 Jan 2015 18:20
Operator : TP/IZ
Sample : MDL-04-S-ML
Misc : MDL-04-SOIL-8PPM-ML
ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Jan 05 00:27:20 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 05 00:18:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	237842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1049650	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	744763	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1538360	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1547792	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1239996	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	24906	6.07	ng/uL	0.00
5) Phenol-d5	7.00	99	756203	36.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	432745	34.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	534747	36.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	588738	36.17	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	267352	36.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	292284	39.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	575021	34.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	710166	38.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1912597	34.82	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2239267	34.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	300269	33.84	ng/ul	0.00
57) Fluorene-d10	15.47	176	1613344	34.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	149411	19.58	ng/ul	0.00
70) Anthracene-d10	17.32	188	2478826	34.85	ng/ul	0.00
76) Pyrene-d10	19.61	212	2654769	37.18	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.55	264	2054005	36.71	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	34038	5.99	ng/uL	88
4) Benzaldehyde	6.98	77	94230	7.34	ng/ul	96
6) Phenol	7.02	94	142096	6.62	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.26	93	104522	6.37	ng/ul	98
10) 2-Chlorophenol	7.40	128	101146	6.59	ng/ul	99
11) 2-Methylphenol	8.26	108	104999	6.35	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.37	45	177077	6.70	ng/ul	97
14) Acetophenone	8.65	105	169390	6.10	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	92089	6.33	ng/ul	94
16) 4-Methylphenol	8.60	108	114601	6.40	ng/ul	94
17) Hexachloroethane	8.92	117	43675	6.23	ng/ul	96
20) Nitrobenzene	9.03	77	144492	6.68	ng/ul	98
21) Isophorone	9.56	82	252185	6.04	ng/ul	99
23) 2-Nitrophenol	9.74	139	57181	6.99	ng/ul#	83
24) 2,4-Dimethylphenol	9.80	107	147084	6.62	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	143977	6.20	ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	108844	6.66	ng/ul	95
28) Naphthalene	10.68	128	339347	6.34	ng/ul	99
30) 4-Chloroaniline	10.79	127	113442	5.91	ng/ul	94
31) Hexachlorobutadiene	10.96	225	72422	6.25	ng/ul	97
32) Caprolactam	11.58	113	31785	5.84	ng/ul	96
33) 4-Chloro-3-methylphenol	11.90	107	126604	6.32	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	252536	6.36	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	134202	6.50	ng/ul#	94
37) Hexachlorocyclopentadiene	12.64	237	63762	4.67	ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	83391	6.33	ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	87502	6.12	ng/ul	96
40) 1,1'-Biphenyl	13.31	154	338875	6.31	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	266837	6.49	ng/ul	97
42) 2-Nitroaniline	13.55	65	86972	6.52	ng/ul	98
44) Dimethylphthalate	13.92	163	344581	6.30	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	63349	6.47	ng/ul	92
47) Acenaphthylene	14.20	152	425245	6.13	ng/ul	99
48) 3-Nitroaniline	14.37	138	64206	6.41	ng/ul	93
49) Acenaphthene	14.54	153	278882	6.31	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	11373	2.29	ng/ul	90
52) 4-Nitrophenol	14.68	109	78687	6.67	ng/ul	95
53) Dibenzofuran	14.87	168	410477	6.41	ng/ul	98
54) 2,4-Dinitrotoluene	14.83	165	93603	6.41	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	72887	5.91	ng/ul#	88
56) Diethylphthalate	15.29	149	362776	6.31	ng/ul	99
58) Fluorene	15.52	166	334046	6.29	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.51	204	166723	6.36	ng/ul	99
60) 4-Nitroaniline	15.53	138	72341	6.39	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	31076	3.98	ng/ul#	96
64) N-Nitrosodiphenylamine	15.73	169	281272	6.30	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	101513	6.47	ng/ul#	85
66) Hexachlorobenzene	16.52	284	120593	6.67	ng/ul	98
67) Atrazine	16.68	200	111916	6.36	ng/ul	99
68) Pentachlorophenol	16.86	266	53344	4.85	ng/ul	97
69) Phenanthrene	17.26	178	539280	6.48	ng/ul	99
71) Anthracene	17.35	178	548975	6.41	ng/ul	98
72) Carbazole	17.61	167	489299	6.35	ng/ul	100
73) Di-n-butylphthalate	18.17	149	606770	6.60	ng/ul#	98
74) Fluoranthene	19.27	202	628812	6.59	ng/ul	98
77) Pyrene	19.64	202	649688	6.96	ng/ul	99
78) Butylbenzylphthalate	20.54	149	252061	6.65	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.32	252	171288	6.05	ng/ul	99
80) Benzo(a)anthracene	21.39	228	575409	6.44	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.31	149	373402	6.77	ng/ul#	97
82) Chrysene	21.43	228	531544	6.45	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	594164	6.97	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	510613	6.45	ng/ul	98
86) Benzo(k)fluoranthene	23.04	252	465117	6.88	ng/ul	99
88) Benzo(a)pyrene	23.59	252	468124	6.73	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.02	276	453515	6.25	ng/ul	96
90) Dibenzo(a,h)anthracene	26.04	278	386187	6.32	ng/ul	98
91) Benzo(g,h,i)perylene	26.74	276	372189	6.25	ng/ul	99

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

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