Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000107.D
Acq On : 02 Jan 2015 13:13
Operator : TP/IZ
Sample : MDL-05-S-ML
Misc : MDL-05-SOIL-4PPM-ML
ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:38:40 PM

Quant Time: Jan 04 23:59:42 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	325623	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1429321	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	1021893	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	2029652	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1752788	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1371231	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	30886	5.50	ng/uL	-0.01
5) Phenol-d5	7.00	99	733251	25.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	466120	27.03	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	532051	26.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	589756	26.47	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	282856	28.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	311334m	30.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	576750m	25.77	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	794916	31.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2021457	26.82	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2397117	26.55	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.65	143	295196	24.25	ng/ul	-0.01
57) Fluorene-d10	15.47	176	1686656	26.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	181396	18.02	ng/ul	0.00
70) Anthracene-d10	17.32	188	2527870	26.93	ng/ul	0.00
76) Pyrene-d10	19.61	212	2577902	31.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1732343	28.00	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	16803	2.16	ng/uL	95
4) Benzaldehyde	6.98	77	47378	2.70	ng/ul	95
6) Phenol	7.02	94	62179	2.12	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.26	93	52218	2.33	ng/ul	96
10) 2-Chlorophenol	7.40	128	45178	2.15	ng/ul	98
11) 2-Methylphenol	8.26	108	46456	2.05	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.37	45	84748	2.34	ng/ul	99
14) Acetophenone	8.65	105	80784	2.12	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.64	70	43799	2.20	ng/ul	96
16) 4-Methylphenol	8.60	108	52692	2.15	ng/ul	99
17) Hexachloroethane	8.92	117	20029	2.09	ng/ul	93
20) Nitrobenzene	9.03	77	68774	2.33	ng/ul	98
21) Isophorone	9.56	82	118843	2.09	ng/ul	98
23) 2-Nitrophenol	9.74	139	27401	2.46	ng/ul#	90
24) 2,4-Dimethylphenol	9.80	107	66081	2.19	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.04	93	68660	2.17	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	49766	2.24	ng/ul#	89
28) Naphthalene	10.68	128	161185	2.21	ng/ul	99
30) 4-Chloroaniline	10.79	127	60404	2.31	ng/ul	96
31) Hexachlorobutadiene	10.96	225	35432	2.25	ng/ul	96
32) Caprolactam	11.58	113	13751m	1.86	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	54099	1.98	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	119448	2.21	ng/ul	97

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Quant Time: Jan 04 23:59:42 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)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	61774	2.18 ng/ul#	94
37) Hexachlorocyclopentadiene	12.64	237	27845	1.49 ng/ul	92
38) 2,4,6-Trichlorophenol	12.89	196	35556	1.97 ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	40873	2.08 ng/ul	95
40) 1,1'-Biphenyl	13.31	154	162260	2.20 ng/ul	98
41) 2-Chloronaphthalene	13.34	162	122652	2.17 ng/ul	97
42) 2-Nitroaniline	13.55	65	36413	1.99 ng/ul	98
44) Dimethylphthalate	13.92	163	166709	2.22 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	27601	2.06 ng/ul#	84
47) Acenaphthylene	14.20	152	204680	2.15 ng/ul	99
48) 3-Nitroaniline	14.37	138	28241	2.05 ng/ul#	95
49) Acenaphthene	14.54	153	130361	2.15 ng/ul	96
50) 2,4-Dinitrophenol	14.57	184	5388	0.79 ng/ul#	80
52) 4-Nitrophenol	14.68	109	33270	2.05 ng/ul	92
53) Dibenzofuran	14.87	168	189978	2.16 ng/ul	95
54) 2,4-Dinitrotoluene	14.83	165	40790	2.04 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.09	232	32414	1.91 ng/ul#	93
56) Diethylphthalate	15.29	149	168558	2.14 ng/ul	99
58) Fluorene	15.52	166	159006	2.18 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.51	204	77241	2.15 ng/ul	98
60) 4-Nitroaniline	15.53	138	29903	1.92 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.59	198	15672	1.52 ng/ul#	80
64) N-Nitrosodiphenylamine	15.73	169	128362	2.18 ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	46424	2.24 ng/ul#	77
66) Hexachlorobenzene	16.52	284	53180	2.23 ng/ul	97
67) Atrazine	16.68	200	47526	2.05 ng/ul	97
68) Pentachlorophenol	16.86	266	18814m	1.30 ng/ul	
69) Phenanthrene	17.26	178	247737m	2.26 ng/ul	
71) Anthracene	17.35	178	242270	2.14 ng/ul	99
72) Carbazole	17.61	167	208722	2.05 ng/ul	98
73) Di-n-butylphthalate	18.17	149	258849	2.13 ng/ul	98
74) Fluoranthene	19.27	202	269988	2.14 ng/ul	99
77) Pyrene	19.64	202	279707	2.65 ng/ul	99
78) Butylbenzylphthalate	20.53	149	91877	2.14 ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.32	252	61946	1.93 ng/ul	99
80) Benzo(a)anthracene	21.39	228	229877	2.27 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.32	149	134833	2.16 ng/ul#	99
82) Chrysene	21.43	228	208000	2.23 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	193874	2.06 ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	191517	2.19 ng/ul#	97
86) Benzo(k)fluoranthene	23.04	252	174948	2.34 ng/ul	100
88) Benzo(a)pyrene	23.59	252	172937	2.25 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	182669	2.28 ng/ul	96
90) Dibenzo(a,h)anthracene	26.04	278	151930	2.25 ng/ul	96
91) Benzo(g,h,i)perylene	26.74	276	148580	2.26 ng/ul	94

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

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