Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000111.D
Acq On : 02 Jan 2015 16:33
Operator : TP/IZ
Sample : MDL-01-S-ML
Misc : MDL-01-SOIL-8PPM-ML
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-01-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:39:19 PM

Quant Time: Jan 05 00:34:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 05 00:18:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	311371	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.63	136	1348425	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	949600	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1912401	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1699234	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1330944	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	36401	6.78	ng/uL	0.00
5) Phenol-d5	7.00	99	1058531m	39.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	590520	35.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	756274	39.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	818666	38.42	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	370754	39.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	411341	43.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	782982	37.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	987285	41.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2552504	36.44	ng/ul	0.01
46) Acenaphthylene-d8	14.16	160	2984414	35.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	398503	35.22	ng/ul	0.00
57) Fluorene-d10	15.47	176	2125184	35.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	213033	22.46	ng/ul	0.00
70) Anthracene-d10	17.32	188	3255540	36.81	ng/ul	0.00
76) Pyrene-d10	19.61	212	3287443	41.94	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.56	264	2260143	37.63	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	45687	6.14	ng/uL	92
4) Benzaldehyde	6.97	77	134588	8.01	ng/ul	97
6) Phenol	7.02	94	200767	7.15	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.26	93	148502	6.92	ng/ul	99
10) 2-Chlorophenol	7.40	128	146319	7.28	ng/ul	95
11) 2-Methylphenol	8.26	108	150460	6.95	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	251002	7.26	ng/ul	99
14) Acetophenone	8.65	105	239529	6.59	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	130397	6.85	ng/ul	95
16) 4-Methylphenol	8.60	108	168756	7.20	ng/ul	98
17) Hexachloroethane	8.92	117	60324	6.57	ng/ul	99
20) Nitrobenzene	9.03	77	201643	7.25	ng/ul	98
21) Isophorone	9.56	82	356152	6.65	ng/ul	98
23) 2-Nitrophenol	9.74	139	79775	7.59	ng/ul#	86
24) 2,4-Dimethylphenol	9.80	107	203512	7.13	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	199883	6.70	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	151879	7.24	ng/ul	95
28) Naphthalene	10.68	128	462859	6.73	ng/ul	99
30) 4-Chloroaniline	10.79	127	164307	6.66	ng/ul	98
31) Hexachlorobutadiene	10.96	225	108024	7.26	ng/ul	95
32) Caprolactam	11.59	113	43310m	6.20	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	178110	6.92	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	352242	6.91	ng/ul	98

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Quant Time: Jan 05 00:34:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 05 00:18:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	182781	6.94	ng/ul#	95
37) Hexachlorocyclopentadiene	12.64	237	95439	5.49	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	117235	6.98	ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	131117	7.19	ng/ul	97
40) 1,1'-Biphenyl	13.31	154	466243	6.81	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	355390	6.77	ng/ul	98
42) 2-Nitroaniline	13.55	65	123289	7.25	ng/ul	97
44) Dimethylphthalate	13.92	163	477104	6.84	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	90369	7.24	ng/ul	90
47) Acenaphthylene	14.20	152	585642	6.62	ng/ul	100
48) 3-Nitroaniline	14.37	138	91381	7.15	ng/ul	96
49) Acenaphthene	14.54	153	383900	6.81	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	16845	2.66	ng/ul	89
52) 4-Nitrophenol	14.68	109	106906	7.11	ng/ul	94
53) Dibenzofuran	14.87	168	549786	6.73	ng/ul	98
54) 2,4-Dinitrotoluene	14.84	165	130888	7.03	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.10	232	105446	6.70	ng/ul#	87
56) Diethylphthalate	15.29	149	491942	6.71	ng/ul	99
58) Fluorene	15.52	166	456384	6.73	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	229269	6.86	ng/ul	98
60) 4-Nitroaniline	15.53	138	99484	6.89	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	41764	4.30	ng/ul#	86
64) N-Nitrosodiphenylamine	15.73	169	379352	6.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	138090	7.09	ng/ul#	81
66) Hexachlorobenzene	16.52	284	154188	6.86	ng/ul	94
67) Atrazine	16.68	200	149240	6.82	ng/ul	97
68) Pentachlorophenol	16.86	266	73569	5.38	ng/ul	100
69) Phenanthrene	17.26	178	726444	7.02	ng/ul	99
71) Anthracene	17.35	178	724781	6.81	ng/ul	98
72) Carbazole	17.61	167	638230	6.66	ng/ul	99
73) Di-n-butylphthalate	18.17	149	812801	7.11	ng/ul	98
74) Fluoranthene	19.27	202	808883	6.82	ng/ul	100
77) Pyrene	19.64	202	816963	7.98	ng/ul	99
78) Butylbenzylphthalate	20.54	149	322410	7.75	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.32	252	199076	6.41	ng/ul	98
80) Benzo(a)anthracene	21.39	228	674339	6.87	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	444261	7.33	ng/ul#	99
82) Chrysene	21.44	228	623938	6.90	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	663247	7.25	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	566384	6.67	ng/ul	98
86) Benzo(k)fluoranthene	23.04	252	539863	7.45	ng/ul	97
88) Benzo(a)pyrene	23.59	252	526045	7.05	ng/ul	96
89) Indeno(1,2,3-cd)pyrene	26.03	276	556598	7.15	ng/ul	99
90) Dibenzo(a,h)anthracene	26.04	278	471300	7.19	ng/ul	98
91) Benzo(g,h,i)perylene	26.74	276	463059	7.24	ng/ul	98

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

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