Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000116.D
Acq On : 02 Jan 2015 19:30
Operator : TP/IZ
Sample : MDL-06-S-ML
Misc : MDL-06-SOIL-8PPM-ML
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-06-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:39:16 PM

Quant Time: Jan 05 00:47:32 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	278887	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1218303	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	864035	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1761510	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1654733	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1243364	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	23945	4.98	ng/uL	0.00
5) Phenol-d5	7.00	99	672005	27.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	416312	28.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	481830	28.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	533648	27.96	ng/ul	-0.01
19) Nitrobenzene-d5	9.00	128	256496	30.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	286290	33.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	520670	27.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	695360	32.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	1833924	28.78	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2135630	27.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	270717	26.30	ng/ul	-0.01
57) Fluorene-d10	15.47	176	1550036	28.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	148024	16.94	ng/ul	0.00
70) Anthracene-d10	17.32	188	2333689	28.65	ng/ul	0.00
76) Pyrene-d10	19.60	212	2453819	32.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1709623	30.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	26298	3.94	ng/uL	91
4) Benzaldehyde	6.98	77	74906	4.98	ng/ul	96
6) Phenol	7.02	94	106465	4.23	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.26	93	83889	4.36	ng/ul	98
10) 2-Chlorophenol	7.40	128	76447	4.25	ng/ul	99
11) 2-Methylphenol	8.26	108	81306	4.19	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	138915	4.48	ng/ul	97
14) Acetophenone	8.65	105	133593	4.10	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	73706	4.32	ng/ul	90
16) 4-Methylphenol	8.60	108	90447	4.31	ng/ul	100
17) Hexachloroethane	8.92	117	35356	4.30	ng/ul	97
20) Nitrobenzene	9.03	77	112432	4.48	ng/ul	96
21) Isophorone	9.56	82	202902	4.19	ng/ul	99
23) 2-Nitrophenol	9.74	139	45208	4.76	ng/ul#	87
24) 2,4-Dimethylphenol	9.80	107	112371	4.36	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	112679	4.18	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	82315	4.34	ng/ul	95
28) Naphthalene	10.68	128	265235	4.27	ng/ul	99
30) 4-Chloroaniline	10.79	127	90888	4.08	ng/ul	100
31) Hexachlorobutadiene	10.96	225	61899	4.60	ng/ul	95
32) Caprolactam	11.58	113	23123m	3.66	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	99320	4.27	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	200519	4.35	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000116.D
Acq On : 02 Jan 2015 19:30
Operator : TP/IZ
Sample : MDL-06-S-ML
Misc : MDL-06-SOIL-8PPM-ML
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:39:16 PM

Quant Time: Jan 05 00:47:32 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)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	104299	4.35	ng/ul#	93
37) Hexachlorocyclopentadiene	12.64	237	50321	3.18	ng/ul	95
38) 2,4,6-Trichlorophenol	12.89	196	62668	4.10	ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	67336	4.06	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	270623	4.35	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	209991	4.40	ng/ul	99
42) 2-Nitroaniline	13.55	65	65752	4.25	ng/ul	97
44) Dimethylphthalate	13.92	163	278560	4.39	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	49344	4.35	ng/ul	96
47) Acenaphthylene	14.20	152	341482	4.24	ng/ul	98
48) 3-Nitroaniline	14.37	138	50152	4.31	ng/ul	94
49) Acenaphthene	14.54	153	221258	4.31	ng/ul	97
50) 2,4-Dinitrophenol	14.57	184	8348	1.45	ng/ul	92
52) 4-Nitrophenol	14.68	109	58958	4.31	ng/ul	96
53) Dibenzofuran	14.87	168	320604	4.32	ng/ul	100
54) 2,4-Dinitrotoluene	14.83	165	76780	4.53	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	58438	4.08	ng/ul#	92
56) Diethylphthalate	15.29	149	285311	4.28	ng/ul	99
58) Fluorene	15.52	166	268003	4.35	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.51	204	133452	4.39	ng/ul	99
60) 4-Nitroaniline	15.53	138	54692	4.16	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	22894	2.56	ng/ul#	92
64) N-Nitrosodiphenylamine	15.73	169	227205	4.45	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	80956	4.51	ng/ul#	85
66) Hexachlorobenzene	16.52	284	91939	4.44	ng/ul	96
67) Atrazine	16.68	200	86955	4.32	ng/ul	97
68) Pentachlorophenol	16.86	266	36598	2.91	ng/ul	95
69) Phenanthrene	17.25	178	431480	4.53	ng/ul	99
71) Anthracene	17.34	178	425069	4.34	ng/ul	100
72) Carbazole	17.61	167	382557	4.33	ng/ul	99
73) Di-n-butylphthalate	18.17	149	467080	4.43	ng/ul	99
74) Fluoranthene	19.27	202	491980	4.50	ng/ul	98
77) Pyrene	19.64	202	500856	5.02	ng/ul	99
78) Butylbenzylphthalate	20.53	149	183643	4.53	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.32	252	121933	4.03	ng/ul	96
80) Benzo(a)anthracene	21.39	228	423748	4.44	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	260678	4.42	ng/ul#	97
82) Chrysene	21.43	228	391355	4.45	ng/ul	100
84) Di-n-octyl phthalate	22.20	149	391696	4.58	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	363161	4.58	ng/ul	99
86) Benzo(k)fluoranthene	23.04	252	311667	4.60	ng/ul	99
88) Benzo(a)pyrene	23.59	252	309977	4.45	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	322660	4.44	ng/ul	96
90) Dibenzo(a,h)anthracene	26.03	278	273675	4.47	ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	262971	4.40	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000116.D
Acq On : 02 Jan 2015 19:30
Operator : TP/IZ
Sample : MDL-06-S-ML
Misc : MDL-06-SOIL-8PPM-ML
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Jan 05 00:47:32 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

Instrument :
BNA_M
ClientSampleId :
MDL-06-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:39:16 PM