Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000080.D
Acq On : 30 Dec 2014 04:37
Operator : TP
Sample : MDL-07-S
Misc : MDL-SOIL-8PPM
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:40 AM

Quant Time: Dec 31 07:32:36 2014
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	241751	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1045546	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	732434	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1439385	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1252433	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1004051	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	20240	4.85	ng/uL	-0.01
5) Phenol-d5	7.00	99	667607	31.88	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	410784	32.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	486874	32.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	529387	32.00	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	243898	33.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	263156	35.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	509759	31.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	658773	35.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1721734	31.87	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2053544	31.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	258018	29.57	ng/ul	0.00
57) Fluorene-d10	15.47	176	1431154	30.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	113391	15.88	ng/ul	0.00
70) Anthracene-d10	17.32	188	2147221	32.26	ng/ul	0.00
76) Pyrene-d10	19.61	212	2187457	37.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1517824	33.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	30951	5.36	ng/uL	87
4) Benzaldehyde	6.98	77	91034	6.98	ng/ul	97
6) Phenol	7.03	94	130740	6.00	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.27	93	103348	6.20	ng/ul	97
10) 2-Chlorophenol	7.41	128	93058	5.96	ng/ul	98
11) 2-Methylphenol	8.28	108	99066	5.89	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.38	45	167400	6.23	ng/ul	98
14) Acetophenone	8.66	105	165046	5.85	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.65	70	88611	5.99	ng/ul	95
16) 4-Methylphenol	8.61	108	106702	5.86	ng/ul	99
17) Hexachloroethane	8.93	117	42264	5.93	ng/ul	99
20) Nitrobenzene	9.04	77	135696	6.30	ng/ul	96
21) Isophorone	9.56	82	243123	5.85	ng/ul	100
23) 2-Nitrophenol	9.75	139	52218	6.41	ng/ul	96
24) 2,4-Dimethylphenol	9.81	107	134986	6.10	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	137912	5.96	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	100228	6.16	ng/ul	92
28) Naphthalene	10.69	128	321990	6.04	ng/ul	100
30) 4-Chloroaniline	10.79	127	111551	5.83	ng/ul	98
31) Hexachlorobutadiene	10.97	225	72742	6.31	ng/ul	92
32) Caprolactam	11.58	113	30254	5.58	ng/ul	94
33) 4-Chloro-3-methylphenol	11.91	107	117877	5.90	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	238454	6.03	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	126335	6.22 ng/ul	99
37) Hexachlorocyclopentadiene	12.65	237	69204	5.16 ng/ul	94
38) 2,4,6-Trichlorophenol	12.91	196	76199	5.88 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	82511	5.86 ng/ul	97
40) 1,1'-Biphenyl	13.31	154	315739	5.98 ng/ul	98
41) 2-Chloronaphthalene	13.35	162	243876	6.03 ng/ul	99
42) 2-Nitroaniline	13.56	65	74449	5.68 ng/ul	97
44) Dimethylphthalate	13.93	163	326210	6.06 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	55054	5.72 ng/ul#	84
47) Acenaphthylene	14.20	152	394795	5.79 ng/ul	99
48) 3-Nitroaniline	14.38	138	53311	5.41 ng/ul	99
49) Acenaphthene	14.54	153	257112	5.91 ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	9199	1.88 ng/ul#	86
52) 4-Nitrophenol	14.68	109	65969	5.68 ng/ul	93
53) Dibenzofuran	14.87	168	377477	5.99 ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	80247	5.59 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	69969	5.77 ng/ul	91
56) Diethylphthalate	15.29	149	328649	5.81 ng/ul	98
58) Fluorene	15.52	166	311898	5.97 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	155193	6.02 ng/ul	95
60) 4-Nitroaniline	15.53	138	63308	5.68 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.59	198	23181	3.17 ng/ul#	75
64) N-Nitrosodiphenylamine	15.73	169	256239	6.14 ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	92362	6.30 ng/ul	92
66) Hexachlorobenzene	16.53	284	106672	6.31 ng/ul	93
67) Atrazine	16.68	200	95482	5.80 ng/ul	97
68) Pentachlorophenol	16.87	266	43518m	4.23 ng/ul	
69) Phenanthrene	17.26	178	488629m	6.27 ng/ul	
71) Anthracene	17.35	178	482816	6.03 ng/ul	99
72) Carbazole	17.61	167	420614	5.83 ng/ul	98
73) Di-n-butylphthalate	18.19	149	516661	6.00 ng/ul	99
74) Fluoranthene	19.27	202	528814	5.92 ng/ul	98
77) Pyrene	19.64	202	537317	7.12 ng/ul#	96
78) Butylbenzylphthalate	20.54	149	181761	5.93 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.32	252	128114	5.59 ng/ul	98
80) Benzo(a)anthracene	21.39	228	446360	6.17 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	264313	5.92 ng/ul	98
82) Chrysene	21.44	228	401231	6.02 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	385221	5.58 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	407791	6.36 ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	326386	5.97 ng/ul	100
88) Benzo(a)pyrene	23.60	252	351115	6.24 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	380666	6.48 ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	317396	6.42 ng/ul	98
91) Benzo(g,h,i)perylene	26.75	276	315572	6.54 ng/ul	99

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

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