Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000117.D
Acq On : 02 Jan 2015 20:06
Operator : TP/IZ
Sample : MDL-07-S-ML
Misc : MDL-07-SOIL-8PPM-ML
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-07-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:39:14 PM

Quant Time: Jan 05 00:50:09 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	276045	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1200932	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	859409	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1743875	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1553532	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1197280	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	22350	4.69	ng/uL	0.00
5) Phenol-d5	7.00	99	779786	32.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	472265	32.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	561728	32.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	609505	32.26	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	289354	34.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	319554	37.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	587418	31.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	764415	35.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	2060368	32.51	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2377534	31.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	311086	30.38	ng/ul	0.00
57) Fluorene-d10	15.47	176	1713619	31.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	161318	18.65	ng/ul	0.00
70) Anthracene-d10	17.32	188	2621006	32.50	ng/ul	0.00
76) Pyrene-d10	19.60	212	2689677	37.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1835649	33.97	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	36270	5.50	ng/uL	88
4) Benzaldehyde	6.97	77	103877	6.97	ng/ul	95
6) Phenol	7.02	94	148588	5.97	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.26	93	115419	6.06	ng/ul	97
10) 2-Chlorophenol	7.40	128	104957	5.89	ng/ul	94
11) 2-Methylphenol	8.26	108	113651	5.92	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	198870	6.49	ng/ul	99
14) Acetophenone	8.65	105	194104	6.02	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	101464	6.01	ng/ul	93
16) 4-Methylphenol	8.60	108	122555	5.90	ng/ul	93
17) Hexachloroethane	8.92	117	47662	5.86	ng/ul	96
20) Nitrobenzene	9.03	77	155212	6.27	ng/ul	97
21) Isophorone	9.56	82	284371	5.96	ng/ul	99
23) 2-Nitrophenol	9.74	139	63433	6.78	ng/ul	90
24) 2,4-Dimethylphenol	9.80	107	156340	6.15	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.04	93	157013	5.91	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	118657	6.35	ng/ul	96
28) Naphthalene	10.68	128	371285	6.06	ng/ul	99
30) 4-Chloroaniline	10.79	127	128262	5.84	ng/ul	100
31) Hexachlorobutadiene	10.96	225	84948	6.41	ng/ul	92
32) Caprolactam	11.58	113	34757m	5.58	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	141908	6.19	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	278231	6.13	ng/ul	96

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Quant Time: Jan 05 00:50:09 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	147536	6.19	ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	69459	4.41	ng/ul#	94
38) 2,4,6-Trichlorophenol	12.89	196	89375	5.88	ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	95917	5.81	ng/ul	95
40) 1,1'-Biphenyl	13.31	154	375865	6.07	ng/ul	100
41) 2-Chloronaphthalene	13.34	162	284605	5.99	ng/ul	99
42) 2-Nitroaniline	13.55	65	92795	6.03	ng/ul	99
44) Dimethylphthalate	13.92	163	386490	6.12	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	70687	6.26	ng/ul	92
47) Acenaphthylene	14.20	152	466105	5.82	ng/ul	98
48) 3-Nitroaniline	14.37	138	70031	6.06	ng/ul	97
49) Acenaphthene	14.53	153	299482	5.87	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	11065	1.93	ng/ul	89
52) 4-Nitrophenol	14.68	109	81497	5.98	ng/ul	95
53) Dibenzofuran	14.87	168	437752	5.92	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	101525	6.02	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.09	232	82815	5.82	ng/ul	93
56) Diethylphthalate	15.29	149	395666	5.96	ng/ul	99
58) Fluorene	15.52	166	367151	5.99	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	182143	6.02	ng/ul	99
60) 4-Nitroaniline	15.53	138	76350	5.84	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	29544	3.34	ng/ul#	88
64) N-Nitrosodiphenylamine	15.73	169	307697	6.08	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	110224	6.20	ng/ul#	86
66) Hexachlorobenzene	16.52	284	128420	6.27	ng/ul	99
67) Atrazine	16.68	200	116575	5.84	ng/ul	99
68) Pentachlorophenol	16.86	266	53823	4.32	ng/ul	94
69) Phenanthrene	17.26	178	591839	6.27	ng/ul	100
71) Anthracene	17.34	178	581032	5.99	ng/ul	99
72) Carbazole	17.61	167	517415	5.92	ng/ul	99
73) Di-n-butylphthalate	18.17	149	637086	6.11	ng/ul	98
74) Fluoranthene	19.27	202	652417	6.03	ng/ul	98
77) Pyrene	19.64	202	675077	7.21	ng/ul	99
78) Butylbenzylphthalate	20.53	149	250558	6.59	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.32	252	160146	5.64	ng/ul	99
80) Benzo(a)anthracene	21.39	228	561075	6.26	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	361235	6.52	ng/ul	99
82) Chrysene	21.43	228	500109	6.05	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	531242	6.45	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	477572	6.25	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	416958	6.39	ng/ul	100
88) Benzo(a)pyrene	23.59	252	412938	6.15	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	440289	6.29	ng/ul	99
90) Dibenzo(a,h)anthracene	26.03	278	371569	6.30	ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	361628	6.29	ng/ul	99

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

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