Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000113.D
Acq On : 02 Jan 2015 17:44
Operator : TP/IZ
Sample : MDL-03-S-ML
Misc : MDL-03-SOIL-8PPM-ML
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-03-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:39:17 PM

Quant Time: Jan 05 00:38:07 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 05 00:18:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	278431	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1221268	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	864668	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1759080	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1605007	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	1203048	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	28728	5.98	ng/uL	0.00
5) Phenol-d5	7.00	99	766036	31.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	465932	31.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	549972	32.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	612147	32.13	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	292572	34.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	321961	37.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	592086	30.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	798854	36.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	2137436	33.52	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2437079	31.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	313072	30.39	ng/ul	0.00
57) Fluorene-d10	15.47	176	1772232	32.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	194834	22.33	ng/ul	0.00
70) Anthracene-d10	17.32	188	2667410	32.79	ng/ul	0.00
76) Pyrene-d10	19.61	212	2796652	37.77	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.55	264	1888309	34.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	29069	4.37	ng/uL	94
4) Benzaldehyde	6.97	77	84903	5.65	ng/ul	98
6) Phenol	7.02	94	116029	4.62	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.26	93	93046	4.85	ng/ul	96
10) 2-Chlorophenol	7.40	128	83427	4.64	ng/ul	97
11) 2-Methylphenol	8.26	108	87364	4.51	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.37	45	155096	5.02	ng/ul	99
14) Acetophenone	8.65	105	146085	4.49	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.64	70	81310	4.78	ng/ul#	91
16) 4-Methylphenol	8.60	108	98460	4.70	ng/ul	96
17) Hexachloroethane	8.92	117	38260	4.66	ng/ul	91
20) Nitrobenzene	9.03	77	123681	4.91	ng/ul	98
21) Isophorone	9.56	82	223186	4.60	ng/ul	99
23) 2-Nitrophenol	9.74	139	49642	5.21	ng/ul#	85
24) 2,4-Dimethylphenol	9.80	107	126609	4.90	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.04	93	127613	4.72	ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	92483	4.87	ng/ul	98
28) Naphthalene	10.68	128	293708	4.72	ng/ul	99
30) 4-Chloroaniline	10.79	127	103389	4.63	ng/ul	96
31) Hexachlorobutadiene	10.96	225	64019	4.75	ng/ul	94
32) Caprolactam	11.58	113	26868m	4.24	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	108867	4.67	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	223889	4.85	ng/ul	99

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Quant Time: Jan 05 00:38:07 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	116357	4.85	ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	55841	3.53	ng/ul#	97
38) 2,4,6-Trichlorophenol	12.89	196	72212	4.72	ng/ul	94
39) 2,4,5-Trichlorophenol	12.96	196	78710	4.74	ng/ul	96
40) 1,1'-Biphenyl	13.31	154	297167	4.77	ng/ul	98
41) 2-Chloronaphthalene	13.34	162	230846	4.83	ng/ul	99
42) 2-Nitroaniline	13.55	65	73862	4.77	ng/ul	99
44) Dimethylphthalate	13.92	163	312709	4.92	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	54594	4.81	ng/ul	95
47) Acenaphthylene	14.20	152	379917	4.72	ng/ul	99
48) 3-Nitroaniline	14.37	138	57172	4.91	ng/ul	99
49) Acenaphthene	14.54	153	242181	4.72	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	10594	1.84	ng/ul	92
52) 4-Nitrophenol	14.68	109	66439	4.85	ng/ul	94
53) Dibenzofuran	14.87	168	355582	4.78	ng/ul	95
54) 2,4-Dinitrotoluene	14.83	165	80791	4.77	ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.09	232	62255	4.35	ng/ul	92
56) Diethylphthalate	15.29	149	320094	4.79	ng/ul	100
58) Fluorene	15.52	166	297360	4.82	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.51	204	151136	4.97	ng/ul	99
60) 4-Nitroaniline	15.53	138	60755	4.62	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.59	198	29014	3.25	ng/ul#	78
64) N-Nitrosodiphenylamine	15.73	169	253011	4.96	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	89413	4.99	ng/ul#	86
66) Hexachlorobenzene	16.52	284	104774	5.07	ng/ul	98
67) Atrazine	16.68	200	94410	4.69	ng/ul	95
68) Pentachlorophenol	16.86	266	39074	3.11	ng/ul	95
69) Phenanthrene	17.26	178	468094	4.92	ng/ul	99
71) Anthracene	17.35	178	460810	4.71	ng/ul	98
72) Carbazole	17.61	167	421203	4.78	ng/ul	100
73) Di-n-butylphthalate	18.17	149	508805	4.84	ng/ul	99
74) Fluoranthene	19.27	202	531488	4.87	ng/ul	99
77) Pyrene	19.64	202	539295	5.58	ng/ul	99
78) Butylbenzylphthalate	20.54	149	197258	5.02	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	129471	4.41	ng/ul	96
80) Benzo(a)anthracene	21.39	228	450289	4.86	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	287384	5.02	ng/ul#	99
82) Chrysene	21.43	228	407423	4.77	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	420511	5.08	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	372898	4.86	ng/ul	97
86) Benzo(k)fluoranthene	23.04	252	347065	5.30	ng/ul	99
88) Benzo(a)pyrene	23.59	252	344570	5.11	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	352454	5.01	ng/ul	100
90) Dibenzo(a,h)anthracene	26.04	278	300648	5.07	ng/ul#	95
91) Benzo(g,h,i)perylene	26.74	276	290809	5.03	ng/ul	98

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

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