Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000108.D
Acq On : 02 Jan 2015 13:49
Operator : TP/IZ
Sample : MDL-06-S-ML
Misc : MDL-06-SOIL-4PPM-ML
ALS Vial : 17 Sample Multiplier: 1

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

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:38:38 PM

Quant Time: Jan 05 00:04:55 2015
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	327026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1434319	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	1012708	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	2011538	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	1740115	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1384383	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	32362	5.74	ng/uL	-0.01
5) Phenol-d5	7.00	99	938318	33.12	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	587973	33.95	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	684959	33.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	761790	34.04	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	362533	36.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	406022m	40.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	729149	32.47	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	1009991	39.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2579944	34.54	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	3027971	33.84	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	386349	32.02	ng/ul	0.00
57) Fluorene-d10	15.47	176	2138159	33.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	232423	23.30	ng/ul	0.00
70) Anthracene-d10	17.32	188	3227917	34.70	ng/ul	0.00
76) Pyrene-d10	19.61	212	3278455	40.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	2267142	36.29	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	17897	2.29	ng/uL	95
4) Benzaldehyde	6.98	77	55345	3.14	ng/ul	95
6) Phenol	7.02	94	71674	2.43	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.26	93	62599	2.78	ng/ul	97
10) 2-Chlorophenol	7.40	128	53648	2.54	ng/ul#	89
11) 2-Methylphenol	8.26	108	55976	2.46	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	102629	2.83	ng/ul	97
14) Acetophenone	8.65	105	96826	2.54	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.64	70	54704	2.74	ng/ul	95
16) 4-Methylphenol	8.60	108	61216	2.49	ng/ul	95
17) Hexachloroethane	8.92	117	24822	2.57	ng/ul	93
20) Nitrobenzene	9.03	77	83792	2.83	ng/ul	98
21) Isophorone	9.56	82	142350	2.50	ng/ul	99
23) 2-Nitrophenol	9.75	139	31400	2.81	ng/ul	92
24) 2,4-Dimethylphenol	9.80	107	75935	2.50	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.04	93	80427	2.53	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	59750	2.68	ng/ul	95
28) Naphthalene	10.68	128	192306	2.63	ng/ul	99
30) 4-Chloroaniline	10.79	127	72774	2.77	ng/ul	96
31) Hexachlorobutadiene	10.96	225	43596	2.75	ng/ul	94
32) Caprolactam	11.59	113	15717m	2.11	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	67490	2.46	ng/ul	96
34) 2-Methylnaphthalene	12.29	142	140439	2.59	ng/ul	98

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Quant Time: Jan 05 00:04:55 2015
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)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	77468	2.76 ng/ul#	97
37) Hexachlorocyclopentadiene	12.64	237	34529	1.86 ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	43696	2.44 ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	48310	2.48 ng/ul	95
40) 1,1'-Biphenyl	13.31	154	191115	2.62 ng/ul	98
41) 2-Chloronaphthalene	13.34	162	150922	2.70 ng/ul	98
42) 2-Nitroaniline	13.55	65	44713	2.47 ng/ul	95
44) Dimethylphthalate	13.92	163	199732	2.68 ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	34770	2.61 ng/ul#	90
47) Acenaphthylene	14.20	152	244215	2.59 ng/ul	99
48) 3-Nitroaniline	14.37	138	34419	2.53 ng/ul	95
49) Acenaphthene	14.54	153	157153	2.61 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	6182	0.92 ng/ul#	83
52) 4-Nitrophenol	14.68	109	39590	2.47 ng/ul	94
53) Dibenzofuran	14.87	168	228981	2.63 ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	48858	2.46 ng/ul	86
55) 2,3,4,6-Tetrachlorophenol	15.10	232	37746	2.25 ng/ul	91
56) Diethylphthalate	15.29	149	209386	2.68 ng/ul	99
58) Fluorene	15.52	166	189222	2.62 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	94105	2.64 ng/ul	97
60) 4-Nitroaniline	15.53	138	37476	2.43 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	19291	1.89 ng/ul#	71
64) N-Nitrosodiphenylamine	15.73	169	162005	2.78 ng/ul	97
65) 4-Bromophenyl-phenylether	16.40	248	56480	2.76 ng/ul#	84
66) Hexachlorobenzene	16.52	284	65463	2.77 ng/ul	93
67) Atrazine	16.68	200	58959	2.56 ng/ul	97
68) Pentachlorophenol	16.86	266	23912m	1.66 ng/ul	
69) Phenanthrene	17.26	178	302244m	2.78 ng/ul	
71) Anthracene	17.35	178	291334	2.60 ng/ul	99
72) Carbazole	17.61	167	260854	2.59 ng/ul	99
73) Di-n-butylphthalate	18.17	149	320116	2.66 ng/ul	99
74) Fluoranthene	19.27	202	330011	2.64 ng/ul	99
77) Pyrene	19.64	202	343975	3.28 ng/ul	98
78) Butylbenzylphthalate	20.53	149	113652	2.67 ng/ul#	78
79) 3,3'-Dichlorobenzidine	21.32	252	76139	2.39 ng/ul	98
80) Benzo(a)anthracene	21.39	228	276187	2.75 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	168075	2.71 ng/ul#	98
82) Chrysene	21.43	228	250983	2.71 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	239010	2.51 ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	235291	2.66 ng/ul	97
86) Benzo(k)fluoranthene	23.04	252	207416	2.75 ng/ul	97
88) Benzo(a)pyrene	23.59	252	215072	2.77 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.02	276	221625	2.74 ng/ul	97
90) Dibenzo(a,h)anthracene	26.03	278	190566	2.80 ng/ul	98
91) Benzo(g,h,i)perylene	26.74	276	184475	2.77 ng/ul#	97

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

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