Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000105.D
Acq On : 02 Jan 2015 12:02
Operator : TP/IZ
Sample : MDL-03-S-ML
Misc : MDL-03-SOIL-4PPM-ML
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:39:21 PM

Quant Time: Jan 03 05:03:50 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	283536	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1250326	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	912813	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1933769	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	2202356	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	1962796	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	37692	7.71	ng/uL	-0.01
5) Phenol-d5	7.00	99	856570	34.87	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	520062	34.63	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	604860	34.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	669719	34.51	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	318198	36.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	352054m	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	654874m	33.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	890830	40.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2338941	34.74	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2694302	33.41	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	375810	34.56	ng/ul	0.00
57) Fluorene-d10	15.47	176	1929786	33.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	235769	24.58	ng/ul	0.00
70) Anthracene-d10	17.32	188	3092722	34.59	ng/ul	0.00
76) Pyrene-d10	19.61	212	3548376	34.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	3253028	36.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	18506	2.73	ng/uL	89
4) Benzaldehyde	6.98	77	55394	3.62	ng/ul	97
6) Phenol	7.02	94	73727	2.88	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.26	93	60141	3.08	ng/ul	99
10) 2-Chlorophenol	7.40	128	54544	2.98	ng/ul	95
11) 2-Methylphenol	8.28	108	54617	2.77	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.37	45	102446	3.25	ng/ul	99
14) Acetophenone	8.65	105	96640	2.92	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.64	70	51453	2.97	ng/ul	90
16) 4-Methylphenol	8.60	108	61516	2.88	ng/ul	95
17) Hexachloroethane	8.92	117	25581	3.06	ng/ul	89
20) Nitrobenzene	9.03	77	82393	3.20	ng/ul	99
21) Isophorone	9.56	82	140883	2.84	ng/ul	99
23) 2-Nitrophenol	9.74	139	31820	3.26	ng/ul#	84
24) 2,4-Dimethylphenol	9.80	107	76580	2.89	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	78302	2.83	ng/ul	98
27) 2,4-Dichlorophenol	10.28	162	56430	2.90	ng/ul#	88
28) Naphthalene	10.68	128	187454	2.94	ng/ul	100
30) 4-Chloroaniline	10.79	127	69828	3.05	ng/ul	98
31) Hexachlorobutadiene	10.96	225	42204	3.06	ng/ul	93
32) Caprolactam	11.59	113	17444m	2.69	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	68084	2.85	ng/ul	96
34) 2-Methylnaphthalene	12.29	142	141067	2.98	ng/ul	95

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Quant Time: Jan 03 05:03:50 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	75167	2.97 ng/ul#	95
37) Hexachlorocyclopentadiene	12.64	237	35291	2.11 ng/ul	95
38) 2,4,6-Trichlorophenol	12.89	196	45147	2.80 ng/ul	95
39) 2,4,5-Trichlorophenol	12.96	196	49462	2.82 ng/ul	94
40) 1,1'-Biphenyl	13.31	154	187420	2.85 ng/ul	99
41) 2-Chloronaphthalene	13.34	162	147093	2.92 ng/ul	98
42) 2-Nitroaniline	13.55	65	45632	2.79 ng/ul	93
44) Dimethylphthalate	13.92	163	196402	2.93 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	34970	2.92 ng/ul	96
47) Acenaphthylene	14.20	152	242998	2.86 ng/ul	99
48) 3-Nitroaniline	14.37	138	36812	3.00 ng/ul	97
49) Acenaphthene	14.54	153	157387	2.90 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	8072	1.33 ng/ul	92
52) 4-Nitrophenol	14.68	109	46879	3.24 ng/ul	97
53) Dibenzofuran	14.87	168	229609	2.93 ng/ul	98
54) 2,4-Dinitrotoluene	14.83	165	52684	2.94 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	41056	2.71 ng/ul	89
56) Diethylphthalate	15.29	149	206034	2.92 ng/ul	98
58) Fluorene	15.52	166	192145	2.95 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	97212	3.03 ng/ul	98
60) 4-Nitroaniline	15.53	138	41293	2.97 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.59	198	20858	2.13 ng/ul#	64
64) N-Nitrosodiphenylamine	15.73	169	161765	2.88 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	56837	2.88 ng/ul#	83
66) Hexachlorobenzene	16.52	284	69392	3.05 ng/ul	95
67) Atrazine	16.68	200	62673	2.83 ng/ul	99
68) Pentachlorophenol	16.86	266	30207m	2.19 ng/ul	
69) Phenanthrene	17.26	178	321654m	3.07 ng/ul	
71) Anthracene	17.35	178	315571	2.93 ng/ul	99
72) Carbazole	17.61	167	295912	3.05 ng/ul	99
73) Di-n-butylphthalate	18.17	149	355483	3.07 ng/ul#	97
74) Fluoranthene	19.27	202	386039	3.22 ng/ul	100
77) Pyrene	19.64	202	410450	3.09 ng/ul	99
78) Butylbenzylphthalate	20.54	149	155203	2.88 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.32	252	113280	2.81 ng/ul	99
80) Benzo(a)anthracene	21.39	228	398045	3.13 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	237240	3.02 ng/ul	99
82) Chrysene	21.43	228	364087	3.11 ng/ul	100
84) Di-n-octyl phthalate	22.21	149	390285	2.89 ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	371338	2.96 ng/ul#	99
86) Benzo(k)fluoranthene	23.04	252	356159	3.33 ng/ul	99
88) Benzo(a)pyrene	23.60	252	352838	3.21 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	336832	2.93 ng/ul	99
90) Dibenzo(a,h)anthracene	26.04	278	285449	2.95 ng/ul	98
91) Benzo(g,h,i)perylene	26.73	276	273601	2.90 ng/ul	98

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

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