Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM010215\
Data File : BM000103.D
Acq On : 02 Jan 2015 10:51
Operator : TP/IZ
Sample : MDL-01-S-ML
Misc : MDL-01-SOIL-4PPM-ML
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-01-S-ML

Manual Integrations APPROVED
TEJASKUMAR
1/6/2015 1:38:46 PM

Quant Time: Jan 03 04:48:41 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	258511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1141792	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	827008	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1763575	20.00	ng/ul	-0.01
75) Chrysene-d12	21.40	240	2108193	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	1907846	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	35915	8.06	ng/uL	-0.01
5) Phenol-d5	7.00	99	776340	34.67	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	482067	35.21	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	557430	34.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	621728	35.14	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	294330	37.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	332591m	41.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	615833m	34.45	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.77	131	828708	41.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2206767	36.18	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	2542031	34.79	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	354978	36.03	ng/ul	0.00
57) Fluorene-d10	15.47	176	1841454	35.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	225638	25.80	ng/ul	0.00
70) Anthracene-d10	17.32	188	2951395	36.19	ng/ul	0.00
76) Pyrene-d10	19.61	212	3355334	34.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	3262298m	37.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	19184	3.10	ng/uL	96
4) Benzaldehyde	6.98	77	55930	4.01	ng/ul	98
6) Phenol	7.02	94	72217	3.10	ng/ul	87
8) Bis(2-Chloroethyl)ether	7.26	93	58653	3.29	ng/ul	99
10) 2-Chlorophenol	7.40	128	51603	3.09	ng/ul#	89
11) 2-Methylphenol	8.28	108	55421	3.08	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.37	45	101136	3.52	ng/ul	98
14) Acetophenone	8.65	105	95077	3.15	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.64	70	51473	3.26	ng/ul	92
16) 4-Methylphenol	8.60	108	60978	3.13	ng/ul	91
17) Hexachloroethane	8.92	117	23248	3.05	ng/ul	94
20) Nitrobenzene	9.03	77	81439	3.46	ng/ul	99
21) Isophorone	9.56	82	141613	3.12	ng/ul	99
23) 2-Nitrophenol	9.75	139	30368	3.41	ng/ul	91
24) 2,4-Dimethylphenol	9.80	107	76699	3.17	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.04	93	78663	3.11	ng/ul#	98
27) 2,4-Dichlorophenol	10.28	162	57658	3.24	ng/ul	92
28) Naphthalene	10.68	128	185788	3.19	ng/ul	97
30) 4-Chloroaniline	10.79	127	72840	3.49	ng/ul	93
31) Hexachlorobutadiene	10.96	225	43425	3.45	ng/ul	98
32) Caprolactam	11.59	113	17669m	2.99	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	70512	3.23	ng/ul	96
34) 2-Methylnaphthalene	12.29	142	139836	3.24	ng/ul	97

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Quant Time: Jan 03 04:48:41 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	12.67	216	75474	3.29	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	36320	2.40	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	43797	2.99	ng/ul	91
39) 2,4,5-Trichlorophenol	12.96	196	49050	3.09	ng/ul	100
40) 1,1'-Biphenyl	13.31	154	189576	3.18	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	146804	3.21	ng/ul	99
42) 2-Nitroaniline	13.55	65	44924	3.03	ng/ul	98
44) Dimethylphthalate	13.92	163	205627	3.38	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	32852	3.02	ng/ul	87
47) Acenaphthylene	14.20	152	239211	3.10	ng/ul	98
48) 3-Nitroaniline	14.37	138	35745	3.21	ng/ul	92
49) Acenaphthene	14.54	153	157264	3.20	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	8016	1.45	ng/ul#	86
52) 4-Nitrophenol	14.68	109	44793	3.42	ng/ul	96
53) Dibenzofuran	14.87	168	232930	3.28	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	54077	3.33	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.10	232	42195	3.08	ng/ul	96
56) Diethylphthalate	15.29	149	209488	3.28	ng/ul	99
58) Fluorene	15.52	166	193481	3.28	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.51	204	96259	3.31	ng/ul	96
60) 4-Nitroaniline	15.53	138	40598m	3.23	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.59	198	20692	2.31	ng/ul#	79
64) N-Nitrosodiphenylamine	15.73	169	164064	3.21	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	56410	3.14	ng/ul#	79
66) Hexachlorobenzene	16.52	284	67608	3.26	ng/ul	96
67) Atrazine	16.68	200	64523	3.20	ng/ul	98
68) Pentachlorophenol	16.86	266	29412m	2.33	ng/ul	
69) Phenanthrene	17.26	178	327304m	3.43	ng/ul	
71) Anthracene	17.35	178	320859	3.27	ng/ul	99
72) Carbazole	17.61	167	296833	3.36	ng/ul	99
73) Di-n-butylphthalate	18.17	149	346619	3.29	ng/ul#	97
74) Fluoranthene	19.27	202	396492	3.62	ng/ul	98
77) Pyrene	19.64	202	414795	3.26	ng/ul	98
78) Butylbenzylphthalate	20.54	149	155504	3.01	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.32	252	112534	2.92	ng/ul	98
80) Benzo(a)anthracene	21.39	228	406913	3.34	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	237272	3.16	ng/ul#	99
82) Chrysene	21.43	228	367897	3.28	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	408381	3.11	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	399512	3.28	ng/ul#	99
86) Benzo(k)fluoranthene	23.04	252	373375	3.59	ng/ul	98
88) Benzo(a)pyrene	23.60	252	368085	3.44	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	371369	3.33	ng/ul	98
90) Dibenzo(a,h)anthracene	26.04	278	318331	3.39	ng/ul	99
91) Benzo(g,h,i)perylene	26.74	276	303117	3.31	ng/ul	99

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

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