Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020415\
Data File : BM000416.D
Acq On : 04 Feb 2015 13:04
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Feb 05 07:47:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 03 12:57:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	161083	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	712726	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	501776	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1209676	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	1204560	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	967370	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21111	7.96	ng/uL	0.00
5) Phenol-d5	6.92	99	239459	20.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	146064	21.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	201043	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	206051	20.68	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	92957	20.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	104244	20.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	233368	20.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	228952	21.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	762511	20.50	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	989681	20.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	123983	19.74	ng/ul	0.00
57) Fluorene-d10	15.39	176	732866	20.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	128678	19.46	ng/ul	0.00
70) Anthracene-d10	17.24	188	1155817	20.76	ng/ul	0.00
76) Pyrene-d10	19.54	212	1249931	20.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	915488	20.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	24743	7.90	ng/uL	94
4) Benzaldehyde	6.89	77	76280	20.67	ng/ul	97
6) Phenol	6.95	94	242120	20.51	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.17	93	190156	21.05	ng/ul	99
10) 2-Chlorophenol	7.32	128	204376	21.08	ng/ul	98
11) 2-Methylphenol	8.19	108	202135	20.94	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.29	45	406981	21.41	ng/ul	98
14) Acetophenone	8.57	105	340551	20.66	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	167786	21.25	ng/ul	98
16) 4-Methylphenol	8.52	108	216638	20.81	ng/ul	95
17) Hexachloroethane	8.82	117	88085	19.87	ng/ul	95
20) Nitrobenzene	8.95	77	263326	20.17	ng/ul	99
21) Isophorone	9.47	82	480706	21.02	ng/ul	99
23) 2-Nitrophenol	9.66	139	117218	21.67	ng/ul	94
24) 2,4-Dimethylphenol	9.72	107	286474	20.58	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.96	93	269975	20.63	ng/ul	97
27) 2,4-Dichlorophenol	10.19	162	228895	20.76	ng/ul	96
28) Naphthalene	10.59	128	725608	20.43	ng/ul	99
30) 4-Chloroaniline	10.70	127	237859	22.01	ng/ul	100
31) Hexachlorobutadiene	10.87	225	169191	19.72	ng/ul	100
32) Caprolactam	11.45	113	63942m	20.67	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	266905	20.85	ng/ul	99
34) 2-Methylnaphthalene	12.21	142	557379	20.37	ng/ul	98

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Quant Time: Feb 05 07:47:26 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 03 12:57:43 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	317358	19.69 ng/ul#	97
37) Hexachlorocyclopentadiene	12.56	237	183693	18.64 ng/ul	97
38) 2,4,6-Trichlorophenol	12.82	196	191185	20.82 ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	216187	21.08 ng/ul	97
40) 1,1'-Biphenyl	13.23	154	791821	20.02 ng/ul	98
41) 2-Chloronaphthalene	13.27	162	612266	20.15 ng/ul	99
42) 2-Nitroaniline	13.47	65	187109	21.19 ng/ul	97
44) Dimethylphthalate	13.86	163	831483	20.53 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	153359	21.31 ng/ul	98
47) Acenaphthylene	14.12	152	1010574	20.38 ng/ul	99
48) 3-Nitroaniline	14.30	138	142254	21.46 ng/ul	96
49) Acenaphthene	14.46	153	661664	20.40 ng/ul	96
50) 2,4-Dinitrophenol	14.51	184	73503	17.53 ng/ul	97
52) 4-Nitrophenol	14.61	109	176132	19.18 ng/ul	96
53) Dibenzofuran	14.80	168	970955	20.10 ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	233650	20.92 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.02	232	191038	20.73 ng/ul	95
56) Diethylphthalate	15.22	149	869561	20.46 ng/ul	99
58) Fluorene	15.45	166	818014	20.34 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.44	204	425127	20.48 ng/ul	99
60) 4-Nitroaniline	15.47	138	153560	19.77 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.53	198	138939	20.00 ng/ul	96
64) N-Nitrosodiphenylamine	15.66	169	703690	20.90 ng/ul	97
65) 4-Bromophenyl-phenylether	16.33	248	255021	20.62 ng/ul	97
66) Hexachlorobenzene	16.45	284	289248	20.30 ng/ul	98
67) Atrazine	16.60	200	263865	20.79 ng/ul	97
68) Pentachlorophenol	16.80	266	150832	18.90 ng/ul	99
69) Phenanthrene	17.19	178	1340009	20.59 ng/ul	100
71) Anthracene	17.27	178	1372576	20.81 ng/ul	98
72) Carbazole	17.54	167	1193363	21.01 ng/ul	100
73) Di-n-butylphthalate	18.11	149	1394364	21.40 ng/ul	99
74) Fluoranthene	19.20	202	1557469	21.05 ng/ul	99
77) Pyrene	19.57	202	1641994	20.60 ng/ul	99
78) Butylbenzylphthalate	20.47	149	613364	21.92 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.25	252	430037	20.96 ng/ul	94
80) Benzo(a)anthracene	21.32	228	1438840	20.67 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	844360	21.55 ng/ul	98
82) Chrysene	21.37	228	1365350	20.58 ng/ul	98
84) Di-n-octyl phthalate	22.13	149	1360546	20.24 ng/ul	100
85) Benzo(b)fluoranthene	22.91	252	1275676	20.96 ng/ul	99
86) Benzo(k)fluoranthene	22.95	252	1173898	20.18 ng/ul	99
88) Benzo(a)pyrene	23.49	252	1144596	20.81 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.87	276	1069827	19.68 ng/ul	97
90) Dibenzo(a,h)anthracene	25.87	278	897780	19.68 ng/ul#	98
91) Benzo(g,h,i)perylene	26.56	276	886515	19.59 ng/ul	99

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

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