Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM011615\
Data File : BM000240.D
Acq On : 16 Jan 2015 19:10
Operator : TP/IZ
Sample : SSTD02036
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
LabSampleId :
SSTD02036

Quant Time: Jan 17 00:54:16 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 17 00:46:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	157694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	646193	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	435817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	885148	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	995742	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	955480	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	22306	8.20	ng/uL	0.00
5) Phenol-d5	6.99	99	272524	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	178904	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	199045	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	213018	20.19	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	94906	21.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	100423	22.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	204900	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	263099	23.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	634711	19.75	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	793657	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	99443	19.01	ng/ul	0.00
57) Fluorene-d10	15.45	176	554111	20.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	92363	22.02	ng/ul	0.00
70) Anthracene-d10	17.30	188	859340	21.00	ng/ul	0.00
76) Pyrene-d10	19.60	212	935295	20.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	903947	20.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	30907	8.20	ng/uL	93
4) Benzaldehyde	6.97	77	194099	21.00	ng/ul	95
6) Phenol	7.01	94	285985	20.44	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.25	93	221812	20.42	ng/ul	94
10) 2-Chlorophenol	7.39	128	206255	20.26	ng/ul	97
11) 2-Methylphenol	8.26	108	212582	19.73	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	395161	22.14	ng/ul	97
14) Acetophenone	8.65	105	362222	19.54	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.63	70	185350	19.22	ng/ul	89
16) 4-Methylphenol	8.59	108	227676	19.57	ng/ul	90
17) Hexachloroethane	8.90	117	97103	20.88	ng/ul	93
20) Nitrobenzene	9.02	77	297028	22.30	ng/ul	100
21) Isophorone	9.55	82	505709	19.69	ng/ul	97
23) 2-Nitrophenol	9.73	139	112764	22.39	ng/ul	93
24) 2,4-Dimethylphenol	9.79	107	283143	20.71	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.03	93	287399	20.10	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	207674	20.65	ng/ul	99
28) Naphthalene	10.67	128	668027	20.27	ng/ul	99
30) 4-Chloroaniline	10.77	127	273275	23.22	ng/ul	99
31) Hexachlorobutadiene	10.95	225	149235	20.93	ng/ul	95
32) Caprolactam	11.53	113	56668	17.42	ng/ul	89
33) 4-Chloro-3-methylphenol	11.90	107	252032	20.42	ng/ul	97
34) 2-Methylnaphthalene	12.28	142	493511	20.20	ng/ul	99

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	261488	21.64 ng/ul#	96
37) Hexachlorocyclopentadiene	12.63	237	170194	22.64 ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	163113	21.16 ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	170063	20.32 ng/ul	93
40) 1,1'-Biphenyl	13.29	154	666361	21.22 ng/ul	100
41) 2-Chloronaphthalene	13.33	162	514373	21.37 ng/ul	98
42) 2-Nitroaniline	13.54	65	174804	21.31 ng/ul	97
44) Dimethylphthalate	13.92	163	643937	20.11 ng/ul	100
45) 2,6-Dinitrotoluene	14.04	165	121996	21.31 ng/ul#	83
47) Acenaphthylene	14.19	152	816643	20.11 ng/ul	99
48) 3-Nitroaniline	14.37	138	131888	21.70 ng/ul	98
49) Acenaphthene	14.53	153	529568	20.46 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	58602	20.97 ng/ul	92
52) 4-Nitrophenol	14.67	109	149754	21.59 ng/ul	90
53) Dibenzofuran	14.86	168	767052	20.47 ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	179513	21.01 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.09	232	145480	20.15 ng/ul	98
56) Diethylphthalate	15.28	149	669855	19.91 ng/ul	99
58) Fluorene	15.51	166	627825	20.19 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	307706	20.06 ng/ul	98
60) 4-Nitroaniline	15.53	138	134327	19.73 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	96045	22.23 ng/ul#	98
64) N-Nitrosodiphenylamine	15.72	169	536012	20.88 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	188402	20.88 ng/ul#	90
66) Hexachlorobenzene	16.51	284	217276	20.89 ng/ul	98
67) Atrazine	16.66	200	204742	20.51 ng/ul	98
68) Pentachlorophenol	16.85	266	117968	18.83 ng/ul	98
69) Phenanthrene	17.24	178	1010143	21.08 ng/ul	99
71) Anthracene	17.34	178	1035821	21.03 ng/ul	99
72) Carbazole	17.61	167	924829	20.77 ng/ul	99
73) Di-n-butylphthalate	18.17	149	1088507	20.56 ng/ul	99
74) Fluoranthene	19.26	202	1165316	20.81 ng/ul	99
77) Pyrene	19.63	202	1227112	20.45 ng/ul	98
78) Butylbenzylphthalate	20.52	149	488054	20.01 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.31	252	388527	22.13 ng/ul	99
80) Benzo(a)anthracene	21.37	228	1177975	20.49 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	711795	20.05 ng/ul	100
82) Chrysene	21.43	228	1111350	20.98 ng/ul	100
84) Di-n-octyl phthalate	22.19	149	1220104	19.67 ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	1219688	20.00 ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	1105354	21.23 ng/ul	99
88) Benzo(a)pyrene	23.58	252	1124397	20.99 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.01	276	1288264	23.05 ng/ul	98
90) Dibenzo(a,h)anthracene	26.01	278	1069579	22.73 ng/ul	98
91) Benzo(g,h,i)perylene	26.72	276	1086041	23.66 ng/ul	97

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

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