Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051215\
Data File : BM001253.D
Acq On : 12 May 2015 10:40
Operator : TP/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02069

Quant Time: May 12 11:42:47 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051215.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 12 06:50:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	187501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	845670	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	533809	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	1225488	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	1352263	20.00	ng/ul	0.00
83) Perylene-d12	23.19	264	1220976	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.87	96	28061	7.29	ng/uL	0.00
5) Phenol-d5	6.63	99	286929	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	181522	20.14	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	240925	20.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	248101	20.50	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	116537	20.90	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	128801	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	260858	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	354582	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.54	166	760441	21.02	ng/ul	0.00
46) Acenaphthylene-d8	13.81	160	1059693	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	148740	20.32	ng/ul	0.00
57) Fluorene-d10	15.12	176	736973	20.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.26	200	145230	19.40	ng/ul	0.00
70) Anthracene-d10	16.97	188	1152500	20.61	ng/ul	0.00
76) Pyrene-d10	19.27	212	1247581	20.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.06	264	1122077	20.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.90	88	33305	7.94	ng/uL	95
4) Benzaldehyde	6.59	77	192601	22.27	ng/ul	98
6) Phenol	6.66	94	306137	19.83	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	245909	20.35	ng/ul	98
10) 2-Chlorophenol	7.00	128	249386	20.67	ng/ul	97
11) 2-Methylphenol	7.90	108	229784	19.46	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	463786	21.09	ng/ul	99
14) Acetophenone	8.27	105	420720	21.20	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.26	70	210859	21.93	ng/ul	98
16) 4-Methylphenol	8.23	108	267428	20.53	ng/ul	99
17) Hexachloroethane	8.51	117	103397	20.90	ng/ul	99
20) Nitrobenzene	8.64	77	306757	20.39	ng/ul	98
21) Isophorone	9.16	82	560975	21.43	ng/ul	100
23) 2-Nitrophenol	9.35	139	149110	20.96	ng/ul	98
24) 2,4-Dimethylphenol	9.43	107	309434	20.92	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.66	93	349571	20.75	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	254981	20.68	ng/ul	98
28) Naphthalene	10.27	128	875675	20.15	ng/ul	99
30) 4-Chloroaniline	10.40	127	359540	22.40	ng/ul	97
31) Hexachlorobutadiene	10.56	225	156663	20.65	ng/ul	98
32) Caprolactam	11.14	113	80760	20.94	ng/ul	95
33) 4-Chloro-3-methylphenol	11.54	107	287937	22.04	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	641562	20.79	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.29	216	318644	19.40	ng/ul	99
37) Hexachlorocyclopentadiene	12.26	237	173709	18.11	ng/ul	96
38) 2,4,6-Trichlorophenol	12.54	196	205513	20.03	ng/ul	99
39) 2,4,5-Trichlorophenol	12.61	196	226875	20.32	ng/ul	99
40) 1,1'-Biphenyl	12.94	154	869985	19.70	ng/ul	99
41) 2-Chloronaphthalene	12.98	162	673936	19.66	ng/ul	99
42) 2-Nitroaniline	13.20	65	202297	21.66	ng/ul	98
44) Dimethylphthalate	13.59	163	853220	20.91	ng/ul	99
45) 2,6-Dinitrotoluene	13.71	165	170690	21.72	ng/ul	97
47) Acenaphthylene	13.84	152	1115337	20.26	ng/ul	99
48) 3-Nitroaniline	14.04	138	182115	21.57	ng/ul	98
49) Acenaphthene	14.19	153	746111	20.32	ng/ul	99
50) 2,4-Dinitrophenol	14.25	184	91545	18.76	ng/ul	98
52) 4-Nitrophenol	14.36	109	123949	20.84	ng/ul	99
53) Dibenzofuran	14.52	168	1048720	20.44	ng/ul	99
54) 2,4-Dinitrotoluene	14.50	165	258744	22.31	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.76	232	199057	21.91	ng/ul	99
56) Diethylphthalate	14.97	149	886162	21.78	ng/ul	100
58) Fluorene	15.17	166	890198	20.94	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.17	204	420008	20.69	ng/ul	98
60) 4-Nitroaniline	15.21	138	186975	21.20	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.27	198	157064	19.62	ng/ul	99
64) N-Nitrosodiphenylamine	15.40	169	740371	20.07	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	248332	20.55	ng/ul	97
66) Hexachlorobenzene	16.19	284	269645	20.20	ng/ul	99
67) Atrazine	16.36	200	264651	20.72	ng/ul	99
68) Pentachlorophenol	16.53	266	148597	19.22	ng/ul	98
69) Phenanthrene	16.92	178	1383957	20.37	ng/ul	99
71) Anthracene	17.00	178	1433382	20.52	ng/ul	100
72) Carbazole	17.28	167	1288343	20.38	ng/ul	100
73) Di-n-butylphthalate	17.86	149	1544507	22.54	ng/ul	99
74) Fluoranthene	18.94	202	1589871	20.96	ng/ul	98
77) Pyrene	19.30	202	1703558	20.20	ng/ul	98
78) Butylbenzylphthalate	20.23	149	679105	22.21	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.00	252	529530	21.36	ng/ul	97
80) Benzo(a)anthracene	21.06	228	1621310	20.48	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.00	149	1036951	22.55	ng/ul	100
82) Chrysene	21.11	228	1556026	20.85	ng/ul	98
84) Di-n-octyl phthalate	21.85	149	1685739	20.50	ng/ul	100
85) Benzo(b)fluoranthene	22.56	252	1572167	21.34	ng/ul	99
86) Benzo(k)fluoranthene	22.60	252	1452278	20.18	ng/ul	99
88) Benzo(a)pyrene	23.10	252	1449143	20.51	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.29	276	1442849	19.40	ng/ul	98
90) Dibenzo(a,h)anthracene	25.29	278	1216610	19.50	ng/ul	99
91) Benzo(g,h,i)perylene	25.92	276	1194167	19.30	ng/ul	100

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

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