Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111115\
Data File : BM003101.D
Acq On : 12 Nov 2015 02:01
Operator : UM/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Nov 12 06:41:49 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 06 11:51:18 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	129060	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.55	136	602155	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.40	164	351816	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.14	188	733733	20.00	ng/ul	-0.02
78) Chrysene-d12	21.33	240	651484	20.00	ng/ul	-0.02
86) Perylene-d12	23.59	264	624106	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	17449	6.37	ng/uL	-0.02
5) Phenol-d5	6.92	99	173891	17.04	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.09	67	96716	16.21	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.28	132	148732	17.20	ng/ul	-0.02
13) 4-Methylphenol-d8	8.45	113	150520	18.30	ng/ul	-0.02
19) Nitrobenzene-d5	8.91	128	73232	19.94	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.63	143	78123	21.00	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.16	165	151139	18.11	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.68	131	178195	16.51	ng/ul	-0.02
44) Dimethylphthalate-d6	13.80	166	462244	17.46	ng/ul	-0.02
47) Acenaphthylene-d8	14.09	160	573554	17.10	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.59	143	82431	18.48	ng/ul	-0.02
58) Fluorene-d10	15.39	176	392961	17.17	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.51	200	63331	18.64	ng/ul	-0.01
71) Anthracene-d10	17.24	188	560974	17.25	ng/ul	-0.02
79) Pyrene-d10	19.54	212	546999	17.06	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.44	264	524317	17.68	ng/ul	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	18942	6.33	ng/uL#	90
4) Benzaldehyde	6.89	77	76030	14.50	ng/ul	94
6) Phenol	6.94	94	180691	17.21	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.18	93	140022	16.71	ng/ul	98
10) 2-Chlorophenol	7.32	128	153403	17.18	ng/ul	99
11) 2-Methylphenol	8.19	108	141868	17.32	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	156497	15.19	ng/ul#	92
14) Acetophenone	8.57	105	230963	18.49	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	111396	18.01	ng/ul	92
16) 4-Methylphenol	8.52	108	158503	17.91	ng/ul	99
17) Hexachloroethane	8.83	117	58282	17.15	ng/ul	96
20) Nitrobenzene	8.95	77	159906	17.97	ng/ul	95
21) Isophorone	9.47	82	318488	17.65	ng/ul	96
23) 2-Nitrophenol	9.66	139	87369	20.22	ng/ul#	89
24) 2,4-Dimethylphenol	9.72	107	175751	17.41	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.96	93	197066	16.91	ng/ul	98
27) 2,4-Dichlorophenol	10.19	162	153859	17.97	ng/ul	99
28) Naphthalene	10.59	128	506814	16.77	ng/ul	100
30) 4-Chloroaniline	10.70	127	186647	16.50	ng/ul	98
31) Hexachlorobutadiene	10.88	225	93692	17.67	ng/ul	99
32) Caprolactam	11.45	113	48038	19.83	ng/ul	95
33) 4-Chloro-3-methylphenol	11.83	107	164002	18.12	ng/ul	96
34) 2-Methylnaphthalene	12.21	142	376951	17.31	ng/ul	100

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35) 1-Methylnaphthalene	12.43	142	368102	17.24	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.58	216	185410	16.47	ng/ul	99
38) Hexachlorocyclopentadiene	12.56	237	103147	15.57	ng/ul	99
39) 2,4,6-Trichlorophenol	12.82	196	120495	17.53	ng/ul	100
40) 2,4,5-Trichlorophenol	12.89	196	131697	17.82	ng/ul	98
41) 1,1'-Biphenyl	13.23	154	491815	16.59	ng/ul	99
42) 2-Chloronaphthalene	13.27	162	369338	16.75	ng/ul	98
43) 2-Nitroaniline	13.47	65	91778	20.70	ng/ul	95
45) Dimethylphthalate	13.85	163	464326	17.22	ng/ul	99
46) 2,6-Dinitrotoluene	13.97	165	91563	20.77	ng/ul#	87
48) Acenaphthylene	14.12	152	608606	16.99	ng/ul	100
49) 3-Nitroaniline	14.30	138	87518	18.77	ng/ul	93
50) Acenaphthene	14.46	153	398020	16.50	ng/ul	100
51) 2,4-Dinitrophenol	14.50	184	44019	17.97	ng/ul	93
53) 4-Nitrophenol	14.60	109	62135	18.32	ng/ul#	72
54) Dibenzofuran	14.80	168	563593	16.71	ng/ul	96
55) 2,4-Dinitrotoluene	14.76	165	129146	20.82	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.02	232	109791	18.00	ng/ul	97
57) Diethylphthalate	15.22	149	465173	17.49	ng/ul	100
59) Fluorene	15.44	166	448297	17.10	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.44	204	216282	17.58	ng/ul	98
61) 4-Nitroaniline	15.46	138	90408	18.10	ng/ul#	79
64) 4,6-Dinitro-2-methylphenol	15.52	198	67250	18.26	ng/ul	96
65) N-Nitrosodiphenylamine	15.66	169	384829	17.47	ng/ul	97
66) 4-Bromophenyl-phenylether	16.33	248	131309	18.39	ng/ul	96
67) Hexachlorobenzene	16.45	284	147884	17.08	ng/ul	99
68) Atrazine	16.60	200	135399	17.79	ng/ul	98
69) Pentachlorophenol	16.79	266	82567	17.01	ng/ul	97
70) Phenanthrene	17.19	178	681378	16.40	ng/ul	99
72) Anthracene	17.27	178	684286	16.86	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.19	216	183246	16.47	ng/uL	99
74) Pentachlorobenzene	14.72	250	178178	16.94	ng/uL	99
75) Carbazole	17.54	167	589880	17.02	ng/ul	99
76) Di-n-butylphthalate	18.11	149	711256	17.81	ng/ul#	99
77) Fluoranthene	19.20	202	692151	16.48	ng/ul	95
80) Pyrene	19.57	202	722224	16.94	ng/ul#	92
81) Butylbenzylphthalate	20.47	149	276519	21.99	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.25	252	181335	19.91	ng/ul	97
83) Benzo(a)anthracene	21.32	228	622965	17.41	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	399735	20.32	ng/ul	100
85) Chrysene	21.37	228	592901	16.75	ng/ul	99
87) Di-n-octyl phthalate	22.13	149	663748	20.65	ng/ul	100
88) Benzo(b)fluoranthene	22.91	252	607627	16.90	ng/ul#	97
89) Benzo(k)fluoranthene	22.96	252	579709	17.28	ng/ul#	96
91) Benzo(a)pyrene	23.49	252	581476	17.08	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.87	276	689526	18.42	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.89	278	583421	19.77	ng/ul#	93
94) Benzo(g,h,i)perylene	26.58	276	581235	17.26	ng/ul#	92

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

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