Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092316\
Data File : BM007542.D
Acq On : 24 Sep 2016 02:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Sep 24 02:56:17 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 02:24:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	169278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	795035	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	635905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1456354	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2003102	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	1960734	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	29873	8.67	ng/uL	0.00
5) Phenol-d5	6.95	99	297096	19.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	169646	21.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	224309	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	258484	20.15	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	118203	20.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	136519	21.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.19	165	271654	21.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	281144	20.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	965428	20.87	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1111134	20.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	166363	20.38	ng/ul	0.00
57) Fluorene-d10	15.41	176	834135	20.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	176647	19.88	ng/ul	0.00
70) Anthracene-d10	17.26	188	1367704	20.44	ng/ul	0.00
76) Pyrene-d10	19.55	212	1718074	21.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.46	264	1818786	20.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	31169	8.63	ng/uL	96
4) Benzaldehyde	6.93	77	203798	20.22	ng/ul	99
6) Phenol	6.98	94	298509	19.58	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.21	93	228092	20.89	ng/ul	99
10) 2-Chlorophenol	7.35	128	225877	20.64	ng/ul	98
11) 2-Methylphenol	8.22	108	234093	19.92	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.32	45	250596	21.10	ng/ul	96
14) Acetophenone	8.60	105	404874	20.73	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.59	70	210238	21.20	ng/ul	94
16) 4-Methylphenol	8.55	108	268208	20.39	ng/ul	97
17) Hexachloroethane	8.85	117	93308	20.84	ng/ul	98
20) Nitrobenzene	8.98	77	306228	21.02	ng/ul	99
21) Isophorone	9.50	82	592979	21.28	ng/ul	99
23) 2-Nitrophenol	9.69	139	142889	21.26	ng/ul	93
24) 2,4-Dimethylphenol	9.75	107	326073	20.98	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.98	93	332938	20.94	ng/ul	100
27) 2,4-Dichlorophenol	10.22	162	264213	20.84	ng/ul	99
28) Naphthalene	10.62	128	796312	20.73	ng/ul	100
30) 4-Chloroaniline	10.73	127	294427	20.83	ng/ul	96
31) Hexachlorobutadiene	10.89	225	191818	20.71	ng/ul	95
32) Caprolactam	11.51	113	92782	20.00	ng/ul	97
33) 4-Chloro-3-methylphenol	11.86	107	328896	21.31	ng/ul	90
34) 2-Methylnaphthalene	12.23	142	625700	20.76	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	386302	20.60	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	191290	19.00	ng/ul	97
38) 2,4,6-Trichlorophenol	12.84	196	247726	20.71	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	277263	21.18	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	872622	20.66	ng/ul	99
41) 2-Chloronaphthalene	13.29	162	668527	20.35	ng/ul	99
42) 2-Nitroaniline	13.50	65	215482	21.34	ng/ul	97
44) Dimethylphthalate	13.87	163	925858	20.64	ng/ul	100
45) 2,6-Dinitrotoluene	14.00	165	189652	21.31	ng/ul	96
47) Acenaphthylene	14.13	152	1098612	20.61	ng/ul	99
48) 3-Nitroaniline	14.33	138	187544	20.74	ng/ul	99
49) Acenaphthene	14.47	153	747613	20.40	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	108875	18.32	ng/ul	88
52) 4-Nitrophenol	14.64	109	170288	20.03	ng/ul	91
53) Dibenzofuran	14.82	168	1099465	20.34	ng/ul	97
54) 2,4-Dinitrotoluene	14.79	165	291512	21.24	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.04	232	270738	20.90	ng/ul#	99
56) Diethylphthalate	15.23	149	961169	21.00	ng/ul	99
58) Fluorene	15.46	166	910646	20.41	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.46	204	478227	20.37	ng/ul	97
60) 4-Nitroaniline	15.49	138	205764	20.69	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.55	198	183006	20.06	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	817555	20.78	ng/ul	99
65) 4-Bromophenyl-phenylether	16.35	248	327132	20.61	ng/ul	98
66) Hexachlorobenzene	16.46	284	369884	20.68	ng/ul	97
67) Atrazine	16.63	200	341631	20.86	ng/ul	99
68) Pentachlorophenol	16.81	266	222251	19.85	ng/ul	99
69) Phenanthrene	17.20	178	1569037	20.34	ng/ul	99
71) Anthracene	17.29	178	1598497	20.42	ng/ul	100
72) Carbazole	17.56	167	1426188	20.50	ng/ul	99
73) Di-n-butylphthalate	18.12	149	1680047	21.35	ng/ul	100
74) Fluoranthene	19.22	202	2035935	20.93	ng/ul	98
77) Pyrene	19.58	202	2097778	21.35	ng/ul	97
78) Butylbenzylphthalate	20.47	149	841303	22.30	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	757585	20.59	ng/ul	100
80) Benzo(a)anthracene	21.33	228	2260969	20.66	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	1230443	22.62	ng/ul	99
82) Chrysene	21.37	228	2155025	20.61	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2205645	23.29	ng/ul	98
85) Benzo(b)fluoranthene	22.92	252	2358488	21.44	ng/ul	100
86) Benzo(k)fluoranthene	22.97	252	2214229	20.92	ng/ul	100
88) Benzo(a)pyrene	23.51	252	2207630	20.91	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.89	276	2339199	20.06	ng/ul	99
90) Dibenzo(a,h)anthracene	25.90	278	1938951	20.19	ng/ul	99
91) Benzo(g,h,i)perylene	26.59	276	1942440	19.86	ng/ul	99

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

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